

LEHIGH ALUMNI BULLETIN



VOLUME 12

APRIL, 1925

NUMBER 7

Published Monthly from October to June, inclusive, by the Alumni
Association of Lehigh University, Inc.

FORT PITT BRIDGE WORKS OF PITTSBURG, PA.

BRIDGES, BUILDINGS STRUCTURAL STEEL

**General Office,
20th Floor, Oliver Building, Pittsburgh**

New York Office, 29 Broadway

Chicago Office, Ashland Block

Cleveland Office, Bulkley Building

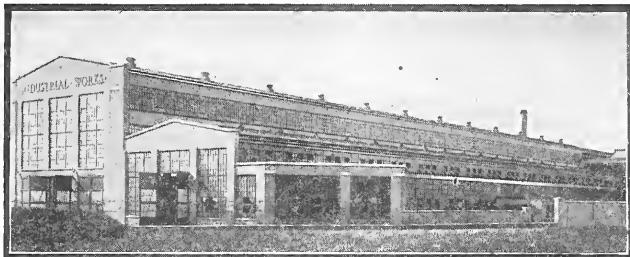
Purchasing Dept. and Works, Canonsburg

H. R. BLICKLE, '93.
SCHUYLER B. KNOX, '93.
P. B. STRAUB, '97,
E. H. BEAZELL, '90,
A. SHELDON, '93,

President
Vice-President
Secretary and Treasurer
Works Manager
Asst. Chief Engineer

ASSOCIATED WITH THE COMPANY
N. G. Smith, '06; E. K. Adams, '16; J. M. Straub, '20

Alumni Bulletin of Lehigh University



MACHINE SHOP AND FOUNDRY
INDUSTRIAL WORKS, BAY CITY, MICH.

We Design,
Manufacture and Erect

Steel Structures for
Industrial Buildings
Bridges and Girders
Power Plants
Viaducts
Lock Gates
Foundries and Machine Shops
Train Sheds
Warehouses
Crane Runways
Office and Store Buildings
Etc.

McClintic-Marshall

McClintic-Marshall Company

General Offices : 1201 Oliver Building, PITTSBURGH, PA.

C. D. MARSHALL, '88, Pres.

H. H. MCCLINTIC, '88, Vice-Pres.

R. W. KNIGHT, '94
Mgr. Foreign Dept.
G. R. ENSCOE, '96
Mgr. New York Office
C. M. DENISE, '98
Contracting Manager
T. L. CANNON, '03
Mgr. Rankin Works
R. McMINN, '07
Engineer

F. U. KENNEDY, '07
Mgr. Philadelphia Office
E. F. GOHL, '07
Mgr. Baltimore Office
L. A. WALKER, '08
Mgr. Detroit Office
G. A. CAFFALL, '10
Mgr. of Erection

McClintic-Marshall
Steel Bridges and Buildings

American Abrasive Metals Co.

(Founded by Wm. H. Sayre, '86)

50 CHURCH ST.

NEW YORK CITY



[A patented combination of iron and abrasive grit]

To Prevent Slipping Accidents

Its peculiar properties make it the longest wearing, most efficient anti-slip material obtainable

- For

Floor Plates

Car Steps and Platforms

Stair Treads and Landings

Coal Hole Covers

Door Saddles

Cover Plates, etc.

General Industrial Uses

Its extreme durability, when subjected to severe abrasive action make it most useful and economical in a wide variety of fields

Abrasive Brake Shoes

Rabble Blades

Pug Mill Paddles

Liner Plates, etc.

For Special Work—where Bronze or Aluminum is required

"BRONZALUN"

"ALUMALUN"

(The "Grit" Cast in Bronze)

(The "Grit" Cast in Aluminum)

"VULCALUN"

(Vulcanized Rubber Impregnated by the Grit)

Sole Representatives for United States and Canada for

"CARBORUNDUM ANTI-SLIP TILE"

R. S. EDMONDSON, '06, President

G. P. BARTHOLOMEW, '96, Vice-Pres.

AUSTIN B. SAYRE, '24

GEORGE C. HUTCHINSON, '94

District Representative

Farmers Bank Bldg., Pittsburgh, Pa.

THE DRAVO CONTRACTING COMPANY

PITTSBURGH

DIFFICULT FOUNDATIONS, RIVER and HARBOR IMPROVEMENT,
BRIDGE PIERS and DAMS, MINING PLANT CONSTRUCTION,
SHAFTS, SLOPES and TUNNELS

ASSOCIATED WITH THE COMPANY

F. R. DRAVO, '87
R. M. DRAVO, '89
J. D. BERG, '05

E. T. GOTTL, '06
L. C. ZOLLINGER, '09
V. B. EDWARDS, '11

E. M. ENSLIN, '22
R. R. RHOAD, '22

DRAVO - DOYLE COMPANY

PITTSBURGH

CLEVELAND

INDIANAPOLIS

PHILADELPHIA

STEAM, ELECTRIC and HYDRAULIC EQUIPMENT, COMPLETE
POWER PLANTS, WATER WORKS INSTALLATIONS

ASSOCIATED WITH THE COMPANY

F. R. DRAVO, '87

R. M. DRAVO, '89

S. P. FELIX, '03

J. D. BERG, '05

W. P. BERG, '15

E. W. ESTES, '20

J. R. FARRINGTON, '22

MECHANICALLY CLEANED SEMI-BITUMINOUS COAL



We have installed at some of our mines and are equipping the remainder with "PNEUMO-GRAVITY PROCESS," patented by us, by means of which any impurities are largely eliminated from our coals.

This process successfully cleans from finest Slack up to and including three inch lump. The resultant product can be loaded as "Pneumo-Gravity" Coal, or together with the large Lumps as R/M; or separately as Lump-Nut and Slack.

It is entirely and continuously mechanical in its operation, thus avoiding the human element, which has, heretofore, prevented the continuous and uniform elimination of impurities so absolutely essential in the maintenance of a high standard of preparation.

As no water is used in this process, as contrasted with wet washing methods, no additional freight charges are incurred by reason of excess moisture, nor difficulty encountered in unloading frozen coal during winter months.

The saving in freight and the increased boiler efficiency obtained, due to the low ash and sulphur content of "PNEUMO-GRAVITY" coal, is a net saving and of such importance as to warrant the scrutiny and consideration of every buyer of steam coal.

Produced in Central Pennsylvania Fields, from mines in Clearfield, Cambria and Indiana Counties; developed and mechanically equipped for an output of four million tons annually.

Shipping to New England and Middle Atlantic States, via New York Central, Pennsylvania Railroad, and their connections.

Tidewater deliveries at Canton Piers, Baltimore, Md., Port Richmond and Greenwich Piers, Philadelphia, Pa., Port Reading, South Amboy, Elizabethport, Port Liberty and Pier 18, Jersey City, New York Harbor.

PEALE, PEACOCK & KERR

One Broadway
New York

North American Bldg.
Philadelphia, Pa.

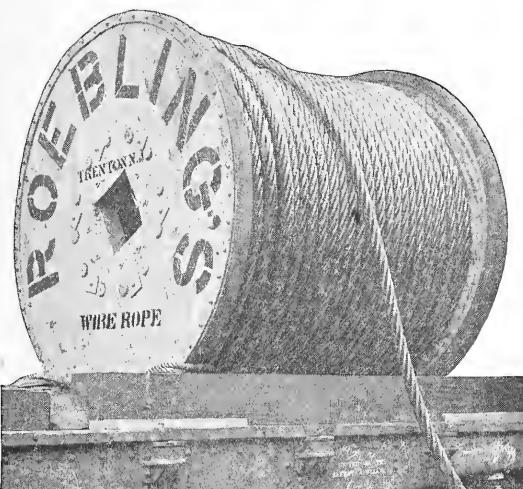
Operating Offices: St. Benedict, Pa., Cambria Co.

REMBRANDT PEALE, '83

RICHARD PEALE, '14

REMBRANDT PEALE, JR., '18

ROEBLING



WIRE

ROPE

WIRE ROPE FITTINGS
WIRE ROPE SLINGS
WELDING WIRE

JOHN A. ROEBLING'S
SONS COMPANY

Trenton, New Jersey

SINCE 1901

WARNER'S

"LIMOID"

IN CONSTRUCTION WORK

"Limoid" is pure Lump Lime scientifically hydrated, which process makes it a fine dry product Ready for Use in "Lime Mortars" for Brick, Stone and Plaster Work, and in Cement Concrete Mixtures.

Charles Warner Company

FRED. A. DABOLL, '96, Mgr., Lime Products Dept.

Wilmington, Del. Philadelphia, Pa. New York City

WHITE & BRO.

INCORPORATED

SMELTERS AND REFINERS

RICHMOND AND HEDLEY STS.

PHILADELPHIA

HARRY A. WHITE, '95

C. B. WHITE, '05

PUMPING MACHINERY

WILSON-SNYDER MANUFACTURING CO.

H. D. Wilson, '01, President

PITTSBURGH, PA.



ESTABLISHED 1857

INCORPORATED 1906

T. B. WOOD'S SONS COMPANY

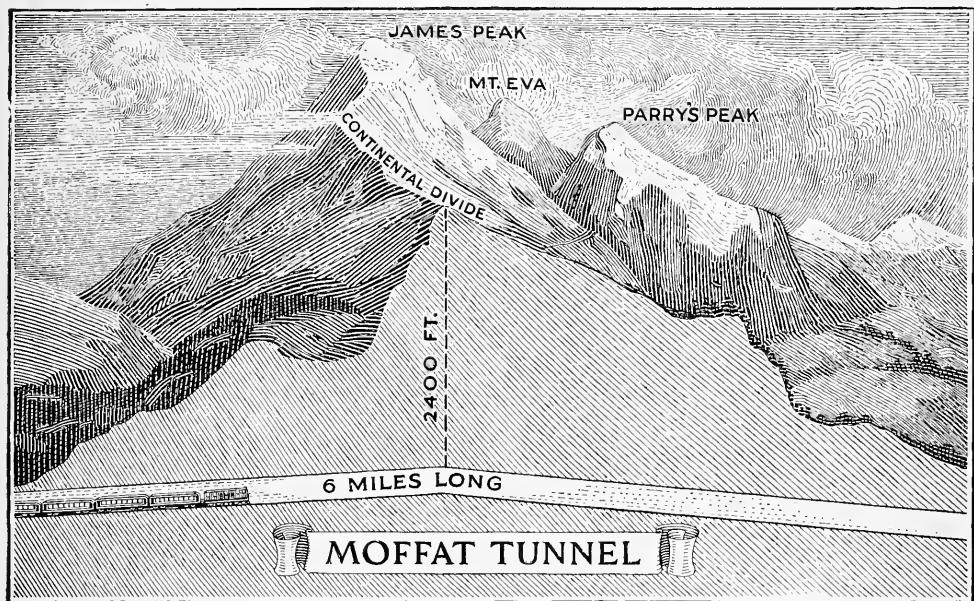
CHAMBERSBURG, PA.

MODERN AND APPROVED APPLI-
ANCES FOR THE TRANSMISSION
OF POWER

CHAS. O. WOOD, '92

T. B. WOOD, '98

G. H. WOOD, '99



Piercing the Great Divide



The General Electric Company includes many specialists—engineers who know about tunnels; engineers who know about street lighting; engineers who know about the electrification of factories. These men are helping to build the better and happier America in which you will live.

If you are interested in learning more about what electricity is doing, write for Reprint No. AR391 containing a complete set of these advertisements.

West of Denver is the Continental Divide; hemmed in behind it is an undeveloped district twice as large as Maryland. That fertile area the new Moffat Tunnel will open up.

General Electric mine locomotives are carrying out the rock, and G-E motors are driving air compressors and pumping water from underground rivers.

The conquests of electricity on land and sea, in the air and underground, are making practical the impossibilities of yesterday. It remains only for men of ability to find new things to do tomorrow. Thus does Opportunity of 1925 beckon college men and women toward greater things as yet undreamed, and to a better world to live in.

14-3FB1

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, SCHENECTADY, NEW YORK

OFFICIAL DIRECTORY ALUMNI ASSOCIATION LEHIGH UNIVERSITY, Inc.

President: C. A. Buck, Bethlehem Steel Co., Bethlehem, Pa.

Vice-President: E. H. Lawall, Wilkes-Barre, Pa.

Vice-President: R. H. Morris, 911 Commercial Trust Bldg., Philadelphia, Pa.

Treasurer: J. A. Frick, 516 Hamilton Street, Allentown, Pa.

Secretary: Walter R. Okeson, Alumni Memorial Building, Bethlehem, Pa.

Asst. Secy. and Treas.: A. E. Buchanan, Jr., Alumni Memorial Bldg., Bethlehem, Pa.

Honorary Alumni Trustees

Homer D. Williams, Carnegie Bldg., Pittsburgh, Pa.

Clarence W. Hudson, 15 Park Row, New York City.

Taylor Allderdice, Frick Bldg., Pittsburgh, Pa.

Aubrey Weymouth, 101 Park Avenue, New York City.

A. C. Dodson, care of Weston Dodson Co., Bethlehem, Pa.

H. D. Wilson, 2 Ross Street, Pittsburgh, Pa.

Alumni Members Athletic Committee

M. L. Jacobs, '10 (To June, 1925).

D. M. Petty, '09 (To June, 1926).

J. A. Frick, '03 (To June, 1927).

Walter R. Okeson, '96 (To June, 1928).

Lehigh Club of New England, A. D. Bach,
'17, Secretary, 614 Watertown Street,
Newtonville, Mass.

Lehigh Club of Northern New York,
F. C. Brockman, '15, Secretary, 81
Robinson St., Schenectady, N. Y.

Lehigh Club of Northern Ohio, Ralph W.
Kempsmith, '11, Secretary, 2008 Union
Trust Bldg., Cleveland, Ohio.

Lehigh Club of Southern New England,
J. W. Thurston, '96, Secretary, 168 N.
Quaker Lane, Hartford, Conn.

Lehigh Club of Western New York,
F. H. Hesselschwerdt, '19, Secretary
and Treasurer, 632 E. Ferry Street,
Buffalo, N. Y.

Lehigh Home Club, A. P. Spooner, '11,
Secretary, 942 Linden St., Bethlehem,
Pa..

Maryland Lehigh Club, A. J. Kutzleb, '13,
Secretary, care of Manhattan Rubber
Co., 208 W. Pratt St., Baltimore, Md.

Lehigh Club of New York, Inc., F. E.
Portz, '17, Secretary, 195 Broadway,
New York City. Phone: Cortlandt Offi-
cial 60.

Northeast Pennsylvania Lehigh Club, G. H.
Bingham, '10, Secretary, Dunmore, Pa.

Philadelphia Lehigh Club, Moriz Bern-
stein, '96, Secretary, 2130 Estaugh St.,
Philadelphia, Pa.

Pittsburgh Lehigh Club, Edward Stotz,
Jr., '20, Secretary, 292 Prospect Ave.,
Pittsburgh, Pa.

Southern Anthracite Lehigh Club, Ray
B. Serfass, '09, Secretary, 113 N.
Centre St., Pottsville, Pa.

Washington Lehigh Club, F. H. Sasser,
'10, Secretary, 2125 R St., Washingt-
ton, D. C.

Secretaries Local Alumni Clubs

Arkansas Lehigh Club, Charles H. Miller,
'88, Secretary, 2516 Broadway, Little
Rock, Ark.

Chicago Lehigh Club, H. W. Kern, '92,
Secretary, 179 W. Washington Street,
Chicago, Ill.

Detroit Lehigh Club, R. M. Neff, '14, Sec-
retary and Treasurer, Detroit Steel
Products Co., Detroit, Mich.

Intermountain Lehigh Club, H. L. Bald-
win, '07, Secretary, Box 115, University
of Utah, Salt Lake City, Utah.

Lehigh Club of Central Pennsylvania,
Holden I. Tripp, '10, Secretary, Camp
Hill, Pa.

Lehigh Club of China, Yen Te Ching, '01,
President, Peking, China.

Lehigh Club of Cuba, Conradi E. Martinez,
'01, President, Principe, 27, Havana,
Cuba.

ALUMNI BULLETIN OF LEHIGH UNIVERSITY

MONTHLY, OCTOBER TO JUNE, INCLUSIVE, BY THE ALUMNI ASSOCIATION, ALUMNI MEMORIAL BUILDING, BETHLEHEM, PA.
SUBSCRIPTION PRICE, \$2.00 A YEAR

MEMBER OF ALUMNI MAGAZINES ASSOCIATED

Entered as second-class matter at Bethlehem, Pa., Post-office.

WALTER R. OKESON, Editor.

A. E. BUCHANAN, JR., Asst. Editor.

VOLUME 12

APRIL, 1925

NUMBER 7

NEWS AND COMMENT

"The Lehigh Way" Last night I sat down to write a serious editorial on the value and pleasure of returning to class reunions. Everything I tried to say sounded so trite that I was tempted to give up in despair. During the evening I had been re-reading some of Kipling's "Barrack-Room Ballads" and the swing and lilt of one of the most familiar kept running through my head. Finally I tried to set my message to the metre of this ballad and out of the hopper ran this doggerel. With apologies not only to Rudyard Kipling but also to our readers I reproduce it:

Come ye back the Lehigh way,
Where the little Dutch girls play,
Can't ye hear the cops all sayin', "Ve vill
make dose stootdents pay."
Come ye back the Lehigh way,
There's the old yell—Hoo Rah Ray!
Come ye back once more to Lehigh, on
June Sixth, Alumni Day.

In the tower of the Chapel, lookin' northward to the town,
There's a local classmate settin', and he's longin' to come down;
But he's watchin' and he's waitin'; listen and you'll hear him pray:
"Come ye back, ye Lehigh rooter, on June Sixth, Alumni Day."

Oh, his pettict is yaller and his little cap
is green,
Don't get scared, he ain't a loony—he
don't think he's Theebaw's Queen,
It is merely your class costume—yes, it is
a trifle gay;

He will put one on you too, sir, on June
Sixth, Alumni Day.

Ship me somewhere east of Reading where
the best you get is "wurst",
Where they used to make good lager and
a man could slake his thirst,
For the chapel bell is callin'—I can't
stand another cut—
I'll be there in June, you bet you!—if
I have to bust a gut.

I'll be back all sweet and clean,
And I'll play I'm Theebaw's Queen—
"Ach dose old vons, Gott in Himmel, dey
are vorse den ven dey're green,"
Tell the gang I'm on my way,
Let the little Dutch girls play,
'Cause I'm comin' back to Lehigh on June
Sixth, Alumni Day.

Now I'm sure there will be a large attendance with murder in their hearts and clubs in their hands hurrying back with the set desire and intention to slaughter me. All right, gang, I'll be a willing sacrifice. Anything to get you back.

* * *

Dues and Doers We have never been able to solve the problem of whether it is payment of dues that makes "doers" or the doing of work for Lehigh that causes men to pay dues. Generally speaking, you always find that when an alumnus has an opportunity to do something for his college, no matter how small, that his interest in and loyalty to that college is increased in direct ratio to the service he renders. I believe that if we could get every Lehigh man to make an effort this Spring to interest some good youngster in Lehigh you would find next year that a lot of fellows would be paying dues who never paid before. Then you would find that these new active members would all want to subscribe to endowment. All their passive allegiance to Lehigh would be translated into active support.

Just at present we are making a strenuous effort to get every Lehigh man to pay his alumni dues. We need the money to finance our work, but if only money resulted from our efforts we would feel guilty about giving so much time to this one thing. However, we know from past experience that every time we start another man paying dues we have created a potential "doer" for Lehigh. This was shown very clearly in the Endowment

Drive. Over 90% of the men who have were active members of the Alumni Association. In fact less than 150 gifts came from the thousands of alumni who are still outside the fold.

We have over 4500 alumni on the official class lists. About 2500 of them have paid dues so far this year. Last year the total for the entire year was less than 2700. We want to raise this to at least 3000 this year. Some classes are helping in the work but we need a lot more help. What is your class doing and what are you doing to help the committee?

* * *

Convention of Alumni Secretaries This month Lehigh welcomes as her guests Alumni Secretaries and Alumni

Magazine Editors from more than a hundred of the major colleges of America. A dozen years ago the job of alumni secretary was generally held by some professor who devoted an occassional evening to the work. Today the office of the Alumni Secretary is one of the busiest on the college campus. Not only is it a full-time job but at many colleges a large force of assistants is necessary to enable this officer to perform the multitudinous duties that have descended and are descending upon him. He is not only a liason officer between the alumni and the university authorities but in many colleges performs the same function for the undergraduates. He publishes the alumni magazine, keeps the alumni records, aids in securing new students, stirs up the classes, promotes reunions, institutes new alumni clubs, travels the country over to visit and speak at these clubs, and most important of all raises much of the new money needed to run the college. Altogether he or she is apt to be a busy gentleman or lady.

Not the least of his or her duties is to raise the money necessary to finance the work of the alumni office. In some colleges this work is at least partially subsidized by the college, for college trustees and administrations have come to realize how valuable an adjunct an alumni office is to a college. At Lehigh we have never done this. The alumni have always financed the work unaided. I believe that colleges which follow this practice are apt to have more virile organizations, than those who depend even partially on a subsidy.

The message every alumni organization must get across is that it exists primarily

to give alumni an opportunity to aid their college and not for the purpose of helping individual alumni. Any such work is merely a by-product. It is a bit hard to make this clear sometimes but these yearly conventions, such as is being held at Lehigh this April, give the various secretaries a chance to compare methods and they are quick to adopt any that have proven successful elsewhere. For alumni of all colleges are exactly the "same breed of cats" and react equally to any course of treatment.

We trust our friends will enjoy themselves at Lehigh. We know we are going to enjoy having them. They are a fine crowd of earnest men and women and, thank the Lord, are all blessed with a highly developed sense of humor. They sure need it. Lacking this they would soon land in a padded cell.

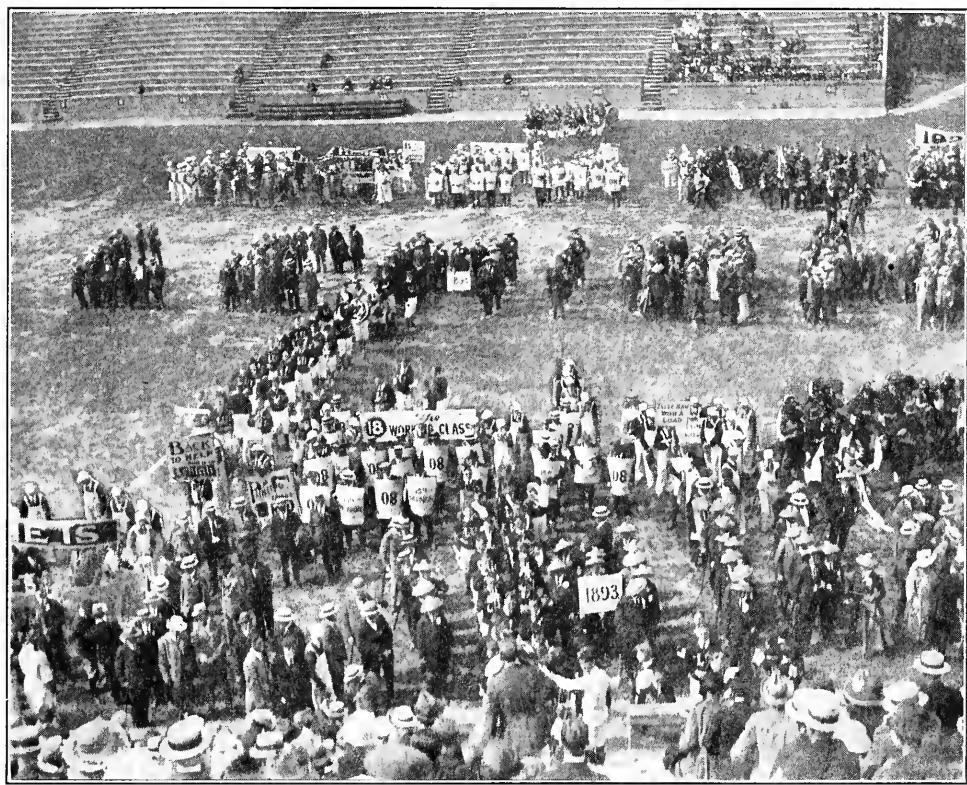
* * *

"Hail to Lehigh" At the dinner given to Percy Wendell we had as our guests a number of men from other colleges and also a lot of local people. When we sang "Hail to Lehigh" it made a great hit with our guests, and many were the queries as to why this splendid song, so full of fire, is comparatively unknown. Lots of our visitors had never heard it before, although they were all thoroughly familiar with our "Alma Mater" song. Even the Lafayette men present did not remember this particular Lehigh song which one of them stated was the best college song he had ever heard.

Strange as it may seem, "Hail to Lehigh," written almost twenty years ago by R. W. Kinsey, '07, and set to music by A. N. VanVleck, '08, is but moderately well known by our alumni and only sung occassionally by our undergraduates. Yet there is no doubt about it being the best Lehigh song we have. Most important also is the fact that the music is our own and not shared by a dozen other colleges as is the case with our "Alma Mater."

It has been suggested that this song should open every Lehigh gathering just as the "Alma Mater" closes such gatherings. Certainly no song is better calculated to put the "old pepper" into a Lehigh group be it of alumni or undergraduates. The next time you go to a college dinner swipe one of the song sheets and learn the words of "Hail to Lehigh" and thus be ready in the future to "Shout her praises to the sky."

ASK ANY OF THESE MEN



Why You Should Come Back to Lehigh for

ALUMNI DAY

June 5 and 6, 1925

THEY'LL ALL TELL YOU NOT TO MISS—

The Lacrosse Game, Toronto vs. Lehigh, Friday, June 5.

The Alumni Dinner at Hotel Bethlehem, Friday evening, June 5, where the Reunion Classes will be the center of attraction.

The Annual Alumni Meeting, Saturday morning, in the Alumni Memorial Building.

The Alumni Luncheon, at the Commons.

The Grand P-Rade and Stunts by Reunion Classes—'75, '80, '85, '90, '95, '00, '05, '10, '15, '20 and '24.

The Presentation of Reunion, Active Membership and Athletic Cups.

The Ball Game with Bucknell.

The Reunion Banquets, Saturday evening.

THE TIME OF YOUR LIFE

ENDOWMENT CAMPAIGN

CURVE OF GIVING FOLLOWS CURVE OF EARNING—DEVIATIONS CAUSED BY BIG GIFTS—SOME LOW POINTS THAT COULD BE RECTIFIED BY CLASS ACTIVITY

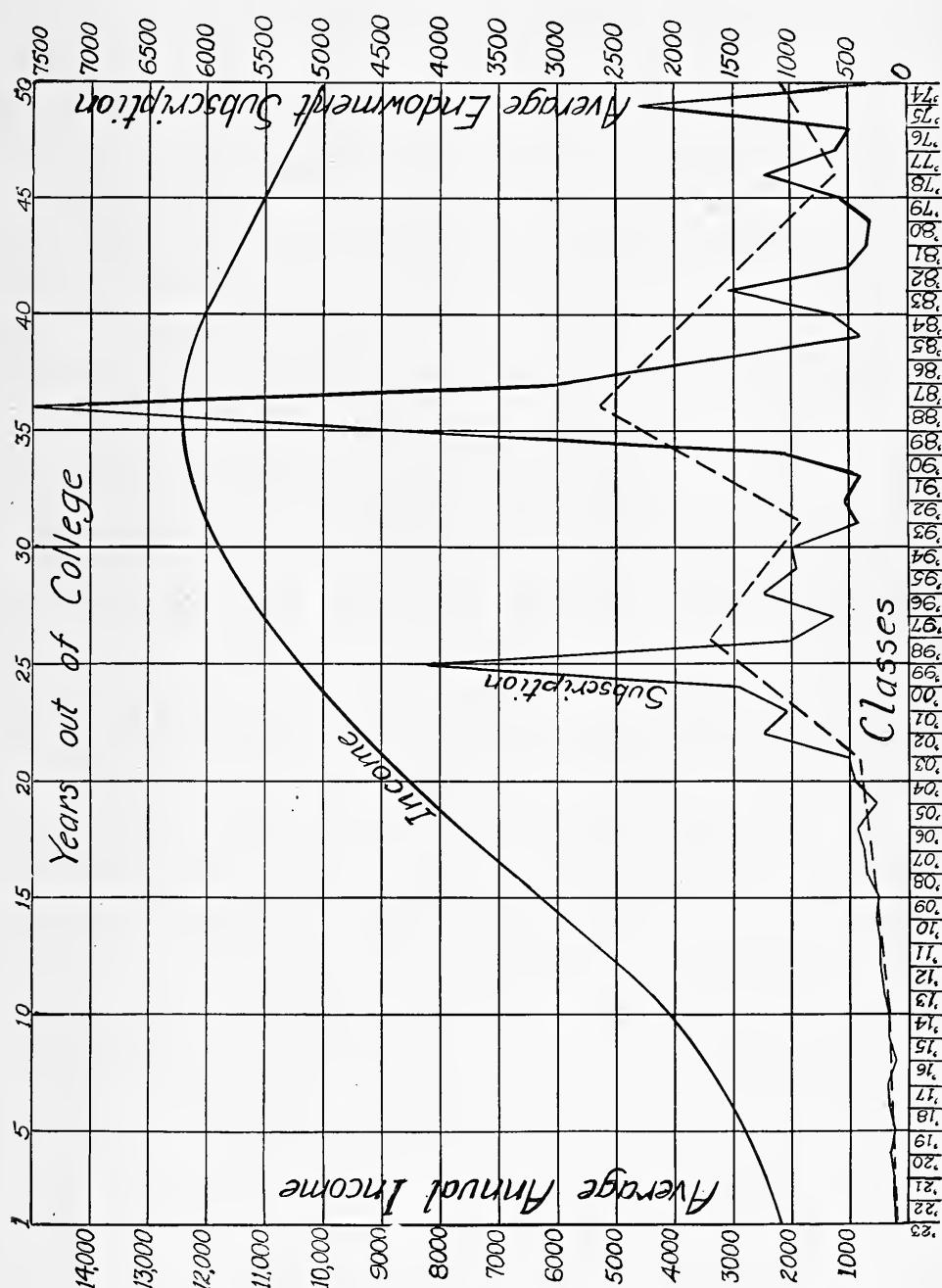
THIS WINTER, at the request of the officers of the Alumni Magazines Associated, all of the prominent alumni magazines sent out a questionnaire to a large group of their subscribers in order to prove from the answers giving income, buying controlled by business positions, automobiles owned, membership in clubs, etc., that these alumni magazines have a reader clientele that makes them what in advertising jargon is called a "quality group." The LEHIGH ALUMNI BULLETIN sent out a thousand of these questionnaires absolutely at random, without any knowledge of who they went to and as no names were put on the filled out blanks with no knowledge of who returned them. We simply told the boy who runs the Addressograph to take half of a stencil drawer in each district in order to get a good geographical distribution and let ages and class affiliations take care of themselves. In this way we avoided any knowledge of who these cards went to and the information obtained was absolutely impersonal.

Before sending these cards to Wilfred Shaw, of the University of Michigan, the President of Alumni Magazines Associated, we made a record of the average income for each age shown from 23 to 67. Starting with the assumption that men of 23 years of age were one year out of college (we had no cards showing a lesser age) we plotted a curve showing average incomes from a year after graduation up to 45 years after graduation. Of course this curve isn't exact by any means as only about 10% of our alumni body is represented by it, but it probably is fairly close to the average for the whole alumni body if a few of our wealthiest men are omitted. Starting with \$2,200.00 average a year after graduation (this is undoubtedly high) it rises fairly steadily to \$12,400.00 at 35 years out. Probably if we had exact figures we would find that it rose less rapidly than shown during the first twenty years and then it would in all likelihood rise quite sharply to a point somewhat above the figure shown. After 35 years out a decrease is to be expected as some men retire from business at this time and thus cut down their yearly income.

After plotting this curve it occurred to us to plot the average giving of each class in order to see just how closely this followed earning capacity. Of course we got a most irregular curve which jumped to very high points with certain classes because of extremely large gifts by one or two members of the class. On the other hand, where there were no large individual gifts the class average was naturally low. However, some of these classes with a low average in size of gift had a large percentage of subscribers, thus showing a high degree of loyalty. This is so with a number of the younger classes such as '18, '21, '22 and '23. In the case of '91 and '92, while their average gifts are small their percentage of subscribers is among the highest.

Our next step was to average the giving by five-year periods just as we did the incomes, the new curve being shown by the broken line. This flattened out our curve and showed that in general it followed earning. During the first twenty years when men are getting their experience and foothold, when marriage and babies are draining income, it is natural to find that the giving increases at a less rapid rate than earnings. Then it commences to jump and with one depression caused by a lack of any large individual gifts in a sequence of classes, it follows closely the rise in earning power. At 35 years out of college it starts to fall just as does the earning power curve.

A study of these curves, which we reproduce, is perhaps of little value unless one also makes comparison with the table on Page 7. Such a comparison will



tell anyone interested whether or not his class pulled its part of the load. Generally speaking, if a class out of college from 5 to 10 years does not average over \$150.00, from 10 to 15 years over \$250.00, from 15 to 20 years over \$400.00, from 20 years up over \$900.00, it would seem as though it needed attention, for most of the classes meet this test. Also, if the number of givers in any class is less than 50% of its membership there is certainly room for work by the class. You only have to look over the table of class giving to see how few classes have 50% of their members as contributors and of these not many make the grade in

the size of gifts noted above. In other words, most classes seem to be low in the number of givers or else in the average size of gift. Some are low in both particulars. Yet these standards are not high. Anyone will admit that at least one out of every two men should give. Amherst showed an average of over 80%, and very few colleges show as low an average as ours. As to the size of the gift, it is only necessary to point out that from '83 on there are but 10 classes who fall appreciably below the averages set, while an equal number run away above.

A little hard work by the classes would soon bring up the average number of contributors. Increasing the average size of gift is much harder. One thing that will help is the fact that hundreds of our donors did not want to tie themselves down to a four-year pledge, but stated they would give what they could the first year and hoped to do more later. Many of these men should be ready to come through again. Some of them have done so already without solicitation, and that indicates this should be a fruitful field. Finally there is another method of giving that is coming to the fore. Our ex-service men are assigning their bonuses to Lehigh. Many of them do not care for an individual profit from their service to their country, but are applying for their bonus insurance and making Lehigh the beneficiary, or if they have already applied are assigning the benefits to Lehigh. We will be glad to send application blanks and information in regard to this to anyone interested.

"It's the old story, boys—Beg! Beg! Beg!"

That's where you are wrong, old man. There is no begging to it. Lehigh gave to us without any supplication on our part and we certainly are not going to make her beg for the return we owe her. We give gladly, and I truly hope no man will give in any other spirit. Unless she gets cheerful dollars they had better stay in our pockets. But don't let's forget the last line in the little poem by Morris Pool, '96—"There are no pockets in a shroud."

Don't forget another thing. Every step higher that Lehigh goes in the educational field increases the value of our diplomas. Each advance she makes in the esteem and admiration of the world heightens the credit of a Lehigh degree. When you do work or give money to increase the business turnover in the town or city in which you are located, you realize you are only working in your own interest. To a certain extent this is true of the financial aid a man gives to his own college.

There are three reasons why each of us should give willingly and cheerfully to Lehigh, both of time and money: **1. Affection and Loyalty. 2. Duty and Obligation. 3. Enlightened Self-Interest.**

I put them in what I think is their proper order. I always tell myself I give because of the obligation I owe and because I don't like to feel that I haven't fully paid my way in this world. But I know I am lying when I say that. The primary reason is because I love the old place. I used to relieve my feelings by yelling for Lehigh. I now find much greater satisfaction in giving to her. If you've never tried it take a chance, dive in and get a thrill. If you've only wet your toes and think you can't swim, grab hold of your nose and duck your head under. In spite of the fact I was raised a Presbyterian I am a great believer in total immersion. In fact half-way measures never did look good to me. Those old signs on the covered wagons of the "forty-niners" had the real ring—"Pikes Peak or Bust"—"Hell or California."—It gives you a kick to feel that some of that old pioneer spirit is still left in us, and you would hate to think it had all died out.

All of which leads up to what I really want to say. We've set a goal of achievement for Lehigh. Unless we are afraid of the water, scared to fight, lacking in guts and sand, a bunch of mollycoddles and nine-compoops, we'll put the blooming ball across the goal line before the whistle blows on January 1, 1928. For the benefit of forgetful alumni I'll just mention that the goal is "\$200,000.00 additional annual revenue from new endowment or yearly gifts to income."

**STATUS OF CAMPAIGN BY CLASSES UP TO AND INCLUDING
APRIL 10, 1925**

Class	No. of Members	No. of Subscribers	Percentage of Subscribers	Average Subscription	Total Subscribed
1926	...	3	\$ 240.00
1925	...	8	1,165.00
1924	281	91	32	\$ 98	8,891.00
1923	326	128	39	105	13,421.00
1922	241	122	51	134	16,355.50
1921	204	119	58	125	14,880.00
1920	215	101	47	151	15,265.00
1919	163	67	41	141	9,458.00
1918	149	75	50	152	11,381.00
1917	186	68	37	162	11,021.00
1916	150	68	45	115	7,831.00
1915	151	48	32	179	8,580.00
1914	137	65	47	172	11,163.00
1913	193	74	38	206	15,215.00
1912	180	68	38	244	16,585.00
1911	144	68	47	246	16,705.00
1910	174	87	50	284	24,730.00
1909	185	69	37	264	18,210.00
1908	164	70	43	361	25,260.00
1907	142	64	45	379	24,260.00
1906	129	62	48	437	27,110.00
1905	128	55	43	287	15,761.00
1904	114	58	51	463	26,835.00
1903	120	57	48	506	28,835.00
1902	66	23	35	1,232	28,340.00
1901	66	32	48	1,016	32,525.00
1900	89	29	33	1,428	41,425.00
1899	52	28	54	4,250	119,000.00
1898	85	43	51	985	42,340.00
1897	82	39	48	619	24,135.00
1896	110	55	50	1,407	77,370.20
1895	146	63	43	936	58,937.00
1894	74	45	61	974	43,835.00
1893	101	37	37	413	15,270.00
1892	54	30	56	535	16,045.00
1891	52	36	69	409	14,715.00
1890	68	35	51	1,084	37,940.00
1889	70	30	43	4,539	136,160.00
1888	73	29	40	7,512	217,858.00
1887	64	21	33	2,982	62,625.00
1886	57	15	26	1,603	24,050.00
1885	38	10	26	416	4,160.00
1884	28	12	43	669	8,025.00
1883	31	19	61	1,571	29,850.00
1882	11	5	45	520	2,600.00
1881	9	2	22	350	700.00
1880	25	4	16	325	1,300.00
1879	18	4	22	563	2,250.75
1878	22	5	23	1,280	6,400.00
1877	20	7	35	516	3,610.00
1876	20	3	15	500	1,500.00
1875	8	5	63	2,570	12,850.00
1874	4	4	100	289	1,155.00
1873	12	2	17	5,013	10,025.00
1872	4	1	25	1,000	1,000.00
1871	3	1	33	6,000	6,000.00
1870	3	1	33	1,000	1,000.00
Trustees and Officers who are not Lehigh Alumni		5	173,500.00
	5,441	2,375	44%	\$ 685	\$1,627,653.45



A NEW LEHIGH RECORD!

JUST a fraction of a second after the camera registered this photograph, J. M. Carol, '24, snapped the tape and established a new Lehigh record,—100 yards in 9 and 4/5 seconds! It takes a born runner to do that!

Just about two months from now, the race of the classes, in which YOU, old man, are entered, will be over. If 3000 men have paid up their alumni dues and BULLETIN subscriptions, another Lehigh record will have been smashed. And it only takes a moment's time and a modest check from 541 men to do that!

Not many colleges can boast a record for the 100-yard dash better than this one that Carol has set up for Lehigh. Not many colleges can claim active support from two-thirds of their alumni.

Elsewhere in this issue you'll find announcement of the convention of alumni secretaries from over a hundred of the leading colleges of the United States, which will be held at Lehigh this month. Those men and women, always on the alert for something new, have been watching the progress of our Class Guarantee Campaign with interest, ever since we started the plan. They are going to take the opportunity of this visit to Lehigh to get the latest first-hand information on how this scheme of financing Alumni work has succeeded. And I'm going to tell them that this year we expect to establish A NEW LEHIGH RECORD, with over 3000 of our members

paid up by Alumni Day! If our guests don't learn anything else while they are here, I want them to learn the words and music of "Everybody Takes His Hat Off to Lehigh." But 541 of you fellows have got to teach it to them.

In the past month 220 men sent in their dues and "Bulletin" subscriptions. A number of them sent a check to cover not only their own account but to pay for "some other fellow who can't afford to kick in this year." If payments continue at that rate for the next two months we will have established our record of 3000 paid-up members by June 6, for there are always many men who wait until Alumni Day to hand in their checks in person.

If I were asking you to run the hundred in 9-4, I'd expect you to laugh at me and say—"It's impossible." But I'm only asking you to back up my prediction that 70 per cent of our alumni are going to pay their share of the cost of the work we are doing for our college, and if anyone says that's impossible, I'll laugh at him, because he doesn't know Lehigh's alumni.

Come on, classes; class committees; men who have paid and men who haven't—a little close harmony now! You remember the tune—ta, ra, ra

Everybody takes his hat off to Lehigh,
Star of the evening shining,
We live on the right side of Easy Street
And this is the song we sing * * * * *

CLASS GUARANTEE PLAN

STANDING OF CLASSES, APRIL 10, 1925

	SCALE				
		Members with Addresses	Paid 1924-25 Dues	Paid 1924-25 Bulletin Subscriptions	Percentage to April 10, 1925
1869	0	1	0	0	0
1870	25%	2	0	0	0
1871	50%	2	0	0	100
1872	75%	4	0	0	0
1873	100%	3	1	1	33
1874		4	3	3	75
1875		6	4	4	66
1876		10	4	3	37
1877		9	7	7	56
1878		9	5	5	79
1879		5	3	3	60
1880		9	5	5	56
1881		5	3	3	88
1882		6	5	5	83
1883		25	25	25	100
1884		16	11	11	69
1885		23	16	16	70
1886		36	20	21	56
1887		44	29	29	66
1888		61	39	37	63
1889		52	37	36	70
1890		63	39	38	61
1891		45	35	34	77
1892		42	28	25	65
1893		76	44	41	57
1894		65	47	47	72
1895		111	82	80	73
1896		99	56	53	56
1897		74	45	47	62
1898		82	46	44	55
1899		49	25	23	50
1900		61	27	27	44
1901		62	36	36	60
1902		51	26	25	50
1903		90	57	56	60
1904		98	65	65	66
1905		109	55	55	50
1906		120	61	60	50
1907		124	64	62	51
1908		146	67	65	45
1909		137	65	66	48
1910		164	83	82	50
1911		123	60	59	48
1912		133	53	54	40
1913		143	64	64	43
1914		129	67	67	52
1915		127	64	62	50
1916		136	69	69	54
1917		167	74	75	45
1918		134	71	71	53
1919		143	72	74	51
1920		184	89	88	48
1921		167	92	89	54
1922		218	111	108	50
1923		306	161	161	53
1924		266	137	134	50

THE LEHIGH ALUMNI ASSOCIATION ENTERTAINS OVER A HUNDRED COLLEGES WILL BE REPRESENTED IN CONVENTION OF ALUMNI SECRETARIES AND MAGAZINE EDITORS

LEHIGH will be host to the twelfth annual conference of the Association of Alumni Secretaries and Alumni Magazines Associated, from Thursday to Saturday, April 23 to 25. Representatives of more than a hundred of the leading colleges and universities of America will attend the sessions in the Lehigh Alumni Memorial Building.

All the visitors will be housed at the Hotel Bethlehem, special cars being provided each morning to carry them across the river to the campus. Luncheon will be served in the basement of the Alumni Memorial Building each day except Saturday, when the Bethlehem Steel Co. is to entertain the delegates at luncheon, after an inspection trip of the plant.

A condensed program of the convention is given below, as it will interest many Lehigh alumni to observe the topics that are claiming the attention of the alumni workers at other colleges.

Thursday, April 23

10:30 a.m.—Address of Welcome, President Charles Russ Richards, of Lehigh.

10:45 a.m.—Papers and Discussion:

1. "The Relation of the Alumni to the University"—Glenn Frank, Editor of "The Century."

2. "Educating the Alumni"—Levering Tyson, Home Study Department, Columbia University. This paper will discuss the general need for continuing education after graduation and will be followed by four concrete examples of the way the subject is handled at other institutions.

(a) "Alumni Reading and Study at Amherst"—F. S. Allis, Alumni Secretary, Amherst College.

(b) "The Educational Experiment of the Associate Alumnae of Vassar College"—Miss Harriet Sawyer, Alumnae Secretary.

(c) "How Smith Does It"—Miss Florence Snow, Alumnae Secretary, Smith College.

(d) "The Michigan Way"—H. Tapping of the University of Michigan.

2:00 p.m.—Papers and Discussion:

1. "The Function of the Alumni Magazine"—Miss Edith N. Hill, Editor of the Smith Alumnae Quarterly. This paper will portray the relation of the alumni to the university as influenced by the alumni magazine.

2. "The Editor and the Business Manager"—Earnest Elmo Calkins, of Calkins & Holden, Advertising Specialists of New York City.

3. "Covers and Cover Designs"—J. L. Morrill, Alumni Secretary, Ohio State University.

4. "Methods of Collecting Ove-due Subscriptions to Alumni Magazines"—Harold F. Holtz, Alumni Secretary, University of Nebraska.

7:00 p.m.—Informal Stag Dinner at Hotel Bethlehem.

Friday, April 24

9:00 a.m.—Papers:

1. Magazine Clinic to be conducted by L. F. Petersen, Editor of the Minnesota Alumni Weekly. This will be an analysis of the existing alumni magazines, discussing appearance, make-up and general content. Mr.

Petersen will frankly tell the various editors wherein they have violated rules of good make-up and also will state specifically violations of the requirements as outlined by the Advertising Committee.

2. A discussion of National Advertising requirements and a report on the present advertising situation and contracts—Mr. Littell of the Roy Barnhill Company, and Mr. Rutsky of the Collegiate Special.

3. Question-box, taking up all questions concerning alumni magazines. The committee in charge of this feature is as follows: R. W. Sailor, Cornell; A. G. Pierrot, Chicago, and Levering Tyson, Columbia.
12:30 p.m.—Luncheon at the Alumni Memorial Building.

2:00 p.m.—Papers, Continued:

1. "The Lost Sheep"—Foster Coffin, Alumni Secretary, Cornell University. This paper will discuss ways and means of finding lost, strayed and stolen alumni, and securing their correct addresses.

2. "The Local Alumni Club an Opportunity"—Joseph W. Wear, President of the Yale Club of Philadelphia.

3. "Student Loans Funds"—G. A. L. Gibson, Secretary-Treasurer of the Alumni Federation of the University of Toronto.

4. "The Trend of the Two Associations"—Daniel L. Grant, Alumni Secretary, University of North Carolina.

Following the afternoon program opportunity will be given the various delegates who so desire to see the historic Moravian Buildings. A special guide will be furnished and will give an outline of the history of this interesting religious sect during Colonial and Revolutionary Times.

7:00 p.m.—The delegates will be the guests of Lehigh University at a dinner at the Hotel Bethlehem, main ballroom. Speakers will be Romeyn Berry, Graduate Manager, Cornell University; Dr. Bradley Stoughton, Lehigh University; and William Hutchinson, President of the Bethlehem Chamber of Commerce.

Saturday, April 25

9:00 a.m.—Special trolley cars leave Hotel Bethlehem for the Bethlehem Steel Works.

2:00 p.m.—Business session of the Alumni Magazines Associated, with a report from the Advertising Committee.

3:00 p.m.—Business session of the Alumni Secretaries Association.

The Lehigh Board of Control of Athletics has invited all the visitors to attend the Johns Hopkins lacrosse game, and the Muhlenberg baseball game, which will be played on Taylor Field Saturday afternoon.

It also happens that inspection of the R. O. T. C. by officials of the War Department will take place that day, so our guests may catch a glimpse of Lehigh's "distinguished" army. The Mustard and Cheese production, "Russian Around," will be staged in Bethlehem the same evening, so our guests should get a good cross-section of life at Lehigh.

All members of the Lehigh Faculty have been invited to attend any of the convention sessions that they care to. The same welcome awaits any Lehigh alumnus who cares to drop in to hear any particular papers or discussion.

COLLEGE AND ALUMNI NEWS

Spring Football Practice Brief But Intensive

CONSIDERABLE interest was stirred up on the campus by the arrival of Head Coach Percy Wendell, and the immediate beginning of Spring practice—something new at Lehigh. During the two weeks of preliminary training a squad of over seventy men reported on the gridiron every afternoon, and they found that under the direction of Wendell and his assistants, Spring practice is not simply a rite, or a social pastime, but a good stiff work-out that left stiff muscles and implanted some good football sense.

Of course there was no scrimmage, but every man in togs was kept on the jump all the time. First there was an entirely new system of signals to be explained. "Old timers," who have objected to the "huddle system" used in recent years, will rejoice to hear that next year's team will be directed by the crisp cadence of the quarterback's signals, called in the distinctive rythm and snap that has

characterized every Harvard quarterback since the late Percy Haughton took over the Crimson's reins.

"Austie" Tate, captain of Lehigh's eleven in 1916, who will assist Wendell next fall, took time off from the Bethlehem High School, where he has successfully coached the major sports for the past two years, and instructed the candidates for line positions in the fundamentals of offense and defense. "Charlie" Eastman, one of Harvard's greatest all around athletes, worked mainly with the ends and the line candidates. He will return with Wendell in the fall. Joe Fitzgerald, former Harvard quarterback, made himself generally useful, being very familiar with Wendell's system and able to direct practice in any department of the game. Fitzgerald, who has been out on the coast for the past few years, became popular with the boys at once, and they are sorry that he will not return in



Football Coaching Staff For Spring Practice

Left to right: "Austie" Tate, Lehigh, '17; Charles Eastman, Harvard; Joe Fitzgerald, Harvard, and Head Coach Percy Wendell, Harvard.



Football Squad Out For Spring Practice

September as a regular member of Wendell's coaching staff.

And as for Wendell himself,—well I don't want to embarrass him, but when a man spends 10 days on the campus and leaves with the unanimous judgement of 1000 sophisticated young minds that "he's a peach," I believe he's got the makings of a coach. As the accompanying photo was snapped, Wendell was saying, "What do you want to take our pictures now for? Why don't you wait 'till we've done something?" And that's

our new coach; modest, retiring, nervously alert, generally smiling but with a jaw that snaps shut like a steel trap, sure of himself and sure of the true value of clean sport, unquestioned dictator on the gridiron, possessed of an uncanny knack of spotting individual errors in a dozen teams playing simultaneously and with patience to correct each man's mistake until he has learned the lesson.

Win, lose or draw, I predict that Wendell's selection as head coach will be a choice of no regrets at Lehigh.

WRESTLERS TAKE THIRD PLACE IN INTERCOLLEGIATES

The Lehigh wrestling team concluded a fairly successful season by winning third place at the Intercollegiates at Columbia on March 20 and 21. Penn State was first with 24 points, Yale was second with 14, nosing out Lehigh by one point. Penn, Columbia, Princeton, Cornell and Syracuse finished in the order named. Ralph Best, the 125-lb. Captain-elect of the Lehigh team, was the only Lehigh grappler to annex an individual championship, although Williamson and Levitz, in the 158-lb. and heavyweight classes, respectively, won their way to the finals and missed the title by a hair.

Until he met Lehman of State in the final of the 125-lb. class, Best had little difficulty with his opponents. In Lehman, however, he met a wrestler nearly his equal. The bout was one of the fastest of the meet, Best coming through several tight places to finally win with a time advantage of 7 min. 59 sec.

The two greatest upsets of the meet occurred when Tuttle of Yale defeated Levitz in the final of the heavyweight class, and when Brennan of Columbia failed to place in the 135-lb. class.

The two fastest and most thrilling bouts of the meet were between Brennan of Columbia and Liggett, of State, the finals of the 135-lb. class, and between Brennan and Lewis, of Lehigh, in deciding the second place for the same class.

Washburn drew a bye in the first round of the 145-lb. class and met Winters of Yale in the second. This was a very close and hard-fought bout. Winters finally won the decision with a slight time advantage. As Winters was defeated later in the matches for the second and third places, Washburn was unable to wrestle again.

Captain Burke met Rumbaugh of State in his first bout for the 175-lb. title. This was a hard fought and fast battle, but Rumbaugh's greater strength won out and he won the decision.

Levitz won through to the finals in the heavyweight class by excellent wrestling only to be thrown by Tuttle of Yale, who he had already defeated this season in a dual meet. Tuttle threw Levitz in the second of the extra periods. In the second place bout, Levitz easily defeated Afeld of Cornell with a decisive time advantage in two extra periods.

The close of the season was celebrated by a dinner tendered the squad and coaches by R. A. Lewis, of the Bethlehem Steel Co., at the Spring Valley Inn. For several years Mr. Lewis has entertained the wrestlers at the close of the season, and has presented a cup to the freshman who shows the greatest improvement in his wrestling ability. This year the cup was awarded to Francis Mc. L. Willis, a 135-lb. freshman from Richmond, Va.

LACROSSE, TRACK AND TENNIS TEAMS READY FOR SEASON

THE SEASON of spring sports is just about to open as this issue of the BULLETIN goes to press. For several weeks, candidates for lacrosse, track and tennis have been hard at work under the direction of coaches "Bill" O'Neill in lacrosse, Morris Kanaly in track, and Prof. Neal Carothers in tennis. Inter-class games of lacrosse, and inter-class track meets have been held as part of the practice program, and have aroused considerable interest and brought out a large number of candidates.

The Department of Physical Education has compiled statistics on the number of students taking part in the various branches of athletics at Lehigh. In the field of recognized sports, lacrosse leads with 115 candidates, while the track men are not far behind with an aggregate of 105 aspirants. There were about 80 men out for the Spring football practice, and the two baseball teams, Varsity and Freshman, have a field of 100 men from which the coaches may make their choice. Boxing, handball, and fencing, each attract about 40 men.

The above data shows the number of students who are interested in some form of athletics, and the total, 925, shows the actual percentage of the entire enrollment who participate in some form of recognized physical exercise.

Hard Lacrosse Schedule

Coach O'Neill promises a "fair" lacrosse team, although he is somewhat worried over the prospects of matching a comparatively green team against opponents of high calibre in the opening games. The Syracuse, Hopkins and Maryland games coming as they do, early in the schedule, will put his men to a severe test.

The lacrosse schedule previously printed in the BULLETIN was incorrect. It should have read as follows:

Schedule

Opp. L.U.

April 15—Syracuse	4	2
April 18—Stevens.		
April 25—Hopkins.		
May 2—U. of Maryland, at Baltimore.		
May 9—Swarthmore, away.		
May 16—Mt. Wash., at Baltimore.		
May 23—Univ. of Penn., at Phila.		
June 5—Toronto.		

Track Events Popular

Prospects for a successful track team were revealed by an inter-class meet, held April 4, in which the Sophomores emerged victorious with 62 1-2 points to their credit. Their nearest competitors were the Frosh with 39 points, followed by the Juniors with 35 1-2 points, the Seniors having but 16 to show for their afternoon's work. One Lehigh record was

broken by Gisriel, '27, when he hurled the discuss 127 feet 9 inches. He also won the shot put with a toss of 37 feet, 10 inches. Captain Croll, whose picture, by the way, appears on our cover this month, continues to lead the field in the quarter, with Cox, '27, a close contender for his laurels. Croll is a son of J. P. Croll, '99. C. L. Smith, '27, is the most likely looking hurdler, and Brandon, '27, looks promising in the distance events.

Tennis Outlook Bright

In spite of the loss of "Fritz" Mercur, the tennis team, coached by Prof. Carothers, Head of the College of Business Administration, looks extremely promising. Four of last year's team are available, namely, Capt. Lawall, Koegler, Hagenbuch and Phillips. The courts were not in condition for use until the early part of April, but the candidates practiced on the indoor court and started a round-robin tournament as soon as outdoor conditions permitted. The first game is with the Philadelphia College of Osteopathy on April 18.

Swimmers Place Second

in Intercollegiates

The Lehigh swimming team ended the season by winning second place in the intercollegiate meet held at the University of Pennsylvania on March 21. Rutgers was high score, with 47 points, thus retaining the league championship for the fourth consecutive year. Lehigh was second with 27 points, and Swarthmore third with 14. Intercollegiate championships were annexed for Lehigh by Captain Astarita in the fancy dives, and Travis in the back stroke.

The summary of the meet follows:

200-yard relay, won by Rutgers (Brown, Rossetti, Warner, Foster); second, Lehigh (Raleigh, Pilot, Travis, Harmon); third, Swarthmore. Time, 1 min. 42 2-5 sec.

Fancy dive, won by Astarita, Lehigh; second, Thompson, Swarthmore; third, Hayes, Lehigh; fourth, Lyman, George Washington.

50-yard dash, won by Foster, Rutgers; second, Rossetti, Rutgers; third, Kane, Swarthmore; fourth, Freeman, Lehigh. Time, 24 2-5 sec.

Plunge, won by Von Stanley, Rutgers, 74 feet; second, Best, Swarthmore, 69 feet; third, Timen, Lehigh, 62.6 feet; fourth, Dunn, Rutgers, 60 feet.

150-yard back-stroke, won by Travis, Lehigh; second, Gailey, Swarthmore; third, Foster, Rutgers. Time, 2 min. 53-5 sec.

220-yard swim, won by Warner, Rutgers; second, Harmon, Lehigh; third, Fitzgerald, Catholic U.; fourth, Stevens, Rutgers. Time, 2 min. 34 sec.

200-yard breast-stroke, won by Brown, Rutgers; second, Potts, Rutgers; third, Coale, Swarthmore; fourth, Pilot, Lehigh. Time, 2 min. 57 3-5 sec.

100-yard swim, won by Rossetti, Rutgers; second, Warner, Rutgers; third, Travis, Lehigh; fourth, Raleigh, Lehigh. Time, 59 3-5 sec.

Baseball Team Strong in Spite of Poor Start

THE VETERAN nine, opening its season with a three-day trip, took defeats at the hands of Princeton and the University of Maryland, and then were deprived of a come-back against the Marines when a drenching rain stopped the game in the fourth inning, with Lehigh leading 7 to 0.

Princeton put the game on ice in the first four frames by landing on "Pete" DuBois, ordinarily one of our safest twirlers, with both feet. After "Bob" Adams went into the box the Tigers were unable to register a hit, but Dignan's pitching for Princeton was steady and he held our boys to four scattered hits. In addition he struck out five Lehigh batters and passed but three.

The Maryland game was closely contested, and a snappy exhibition of baseball. The College Park boys took the lead in the first inning, and increased it to 4-1 in the fourth. Neither team scored until the seventh, when Hayes, Kirchner and Prior all crossed the plate and tied the score. Maryland shoved another pair over in the eighth, however, making the final score 6 to 4. Walker and Wilkinson pitched for Lehigh. Mell, our third baseman, starred on the defense.

In spite of these early reverses the team gives every promise of cleaning up from now on. It is a fast club and includes a strong array of stick artists.

Schedule

	Opp. L.U.
April 8—Princeton	8 1
April 9—Univ. of Maryland....	6 4
April 10—Marines	Rain

- April 11—Johns Hopkins, at Baltimore.
- April 18—Pennsylvania, at Philadelphia.
- April 22—Rutgers, at home.
- April 25—Muhlenberg, at home.
- April 29—Army, at West Point.
- April 30—Union Col., Schenectady, N. Y.
- May 1—Boston College, at Boston.
- May 2—Brown University, away.
- May 6—Seton Hall, at home.
- May 9—Lafayette, at home.
- May 13—Ursinus, at home.
- May 16—Lafayette, away.
- May 20—Villanova, at home.
- May 23—Lafayette, at home.
- June 6—Bucknell, at home.

Dr. B. L. Miller Elected President of Pennsylvania Academy of Science

At the annual meeting of the Pennsylvania Academy of Science, held in Harrisburg, April 10 and 11, Dr. B. L. Miller, Head of the Department of Geology at Lehigh, was elected president of the organization for the coming year.

Lehigh was represented at the sessions by Profs. Miller and Reynolds, '07, each of whom presented a paper.. Dr. Miller read a paper on "An Unusual case of Limestone Decomposition." Dr. Reynold's contribution was entitled "A Study of Helicoids and Helices by Vectors."

Scientists and educators from institutions all over the State and from the various State Bureaus and Departments were present. Over twenty papers were presented dealing with subjects ranging from double headed turtles to variations in mass with speed. The meetings were held in the Senate Caucus Room of the Capital Building..



1925 Baseball Squad

NEWS OF THE ALUMNI CLUBS

WASHINGTON LEHIGH CLUB

Annual Dinner, March 25, 1925

After several years of dining elsewhere the Washington Club returned to its old stamping grounds at the Hotel Lafayette for their annual dinner. Secretary, F. H. Sasscer, '10, had evidently done a good job in sending out his notices for a large group responded and most of the classes from '84 to '24 were represented.

President N. H. Heck, '03, presided while Treasurer C. Birnie, '13, worked steadily beneath the surface and relieved the guests of all their excess cash. The spirit of the whole occasion was extremely "clubby" and the numerous guests soon became as familiar as class mates. In fact the outstanding feature of the dinner was its "hominess".

The first speaker was Carl W. Mitman, '09, Curator, U. S. National Museum, which comes under the general supervision of the Smithsonian Institute. He gave a most interesting story of the founding of the Smithsonian Institute. He amused the audience greatly by his stories of the strange inquiries that form part of his daily correspondence such as "Why are the smoke-stacks of ocean steamers inclined?" "What is the scientific way to hold a razor?" and "Do hoop-snakes really roll?"

President Heck in rising to introduce the next speaker said that Mitman's queer inquiries reminded him of the queries and stories that came to the Geological Department after the recent earthquake. The palm was won he said by the Maine man who wrote that the vibrations "rocked the baby to sleep".

R. B. Swope, '10, Manager of the Southern Oxygen Co., was the next speaker and he told in a most interesting manner of the development of the production of oxygen, hydrogen and other gases.

Chairman Heck then spoke of the approaching games to be played by Lehigh teams at College Park and urged a large attendance of Lehigh Alumni. Swope suggested having dinner with the team. Watson, '84, suggested the entertainment of the Lehigh undergraduates who come in summer to Camp Meade for military instruction.

The next speaker was J. G. Petrikin, '96, Graduate Manager of Lehigh Athletics. He gave a brief description of the athletic situation at Lehigh and the excellent results obtained by the various teams. He told of the plans for checking up the scholastic records of athletes and providing tutoring for the backward ones by members of the Tau Beta Pi. The need of more playing fields was emphasized, especially if men were to be developed during the year in the various "skills" required for success in the different sports.

"Okey" brought the evening to close by a talk which included foot-ball, a description of our new coach Percy Wendell, endowment and the Lehigh Plan.

MARYLAND LEHIGH CLUB

Oyez! Oyez!! Oyez!!!

Be it known to all Lehigh men, here, there and everywhere, that the Maryland Lehigh Club holds a

WEEKLY LUNCHEON
on every Tuesday, at 12.30 P. M., at the Engineers' Club, Baltimore, Md.

All Lehigh Men Invited!

See that notice? Well that the most important piece of news in this issue. If you don't believe it you just ask Jack Rowan, '10, or Secretary Kutzleb, '13. (A word to the printer:—"Fo' de Lawd's sake" don't cut that notice out no matter how cramped your space. On its publication depends my being permitted to return to Baltimore.)

That's that! Now I dare start on the story of the Maryland Club's Annual Dinner held at the Hotel Caswell, Baltimore, Md., on March 26, 1925. Some party it was with a turn-out that came pretty close to eclipsing all previous attendance records. President Frank Roberts, '02, Manager of the Maryland Plant of the Bethlehem Steel Co., presided. He and "Okey" who sat on his right constituted themselves into a "musical duo" and proceeded to sing all Lehigh songs past and present. A crowd which started with Janney, '83, and ran the gamut of every class to '24 furnished a wide knowledge of Lehigh's musical efforts, so Frank and "Okey" never got more than half-way through the first line before their voices were (providentially) drowned out by a lusty chorus.

Secretary-Treasurer Kutzleb reported that the Maryland Lehigh Club had practically clinched the championship of the Baltimore Intercollegiate Bowling League and expected to have the championship cup to grace the next dinner.

"Jack" Petrikin, '96, Graduate Manager, was the first speaker. He spoke of his splendid reception by the local alumni when he came to Lehigh last fall and then proceeded to outline the year's record in various sports. He summed up the records by saying that we have "Fine teams composed of fine boys."

The next speaker was Mr. Leroy Oldham of Baltimore who gave a delightful recital of a number of negro stories. His portrayal of the dialect and mannerisms of the old-time darkey was unusually fine.

The last speaker was the Alumni Secretary who by request told of the circumstances surrounding the accidental drowning of Professor Lambert and talked of the great loss Lehigh had sustained in his passing. He outlined the plans for next year's foot-ball season and told of the progress of spring practice under Coach Wendell. The Musical Club, the Mustard and Cheese and other campus activities were spoken of as well as the progress the University in making on the academic side. Naturally the Endowment Campaign and the Lehigh Plan came in for their share of his attention. He wound up his speech by leading an old-fashioned Lehigh yell.

LEHIGH CLUB OF SOUTHERN NEW ENGLAND

Hold Annual Dinner at Hartford, March 27

When you have only sixty men in your district scattered all the way from Springfield to Bridgeport, with less than a dozen living in the town in which the dinner is held and you get out about thirty of them for a Lehigh dinner something in the way of congratulations is in order. A fifty per cent attendance breaks all records in the way of Lehigh dinners. Here's to you, President C. H. Veeder, '86, and Secretary-Incomparable "Joe" Thurston, '96.

The dinner was held at the Hartford Club and the guests were Professor Bradley Stoughton, Head of the Department of Metallurgy at Lehigh, Professor Vernon K. Krieble, Head of the Department of Chemistry, Trinity College, and Dr. Samuel Hammond an old Yale foot-ball player who coached Lehigh's team in 1897.

The election of officers for the coming year exceeded in speed and neatness the best efforts of even the Philadelphia Lehigh Club. Joe Thurston rose, declared himself acting chairman and then announced "A motion is now in order nominating Veeder as President and Thurston as Secretary-Treasurer. The nominations are closed. I declare the nominees elected." Amid a roar of laughter and a burst of applause the trusty officials who have served since the formation of the Club started on a new term of office.

There was a very touching little ceremony before the diners sat down. President Veeder spoke of the death during the past few months of Professors Meaker and Lambert. He asked Okeson to say a few words about them and then everyone stood for a minute or two with bowed heads in memory of those two men whose services and character have enshrined them forever in the hearts of all Lehigh alumni.

Professor Stoughton was the first speaker and he told of the work that is being done at Lehigh to improve and increase her facilities. The main problem of any college, he said, is to teach the boys to think and to think constructively. He stressed the need of teaching also the art of ex-

pression. Work along this line is being done by all the engineering departments as well as by the department of English.

In characteristic style Professor Stoughton interlarded his talk with dozens of humorous anecdotes that reenforced the points he was making and his talk was thoroughly enjoyed and furnished much food for thought.

The next speaker was Professor Krieble who coming from Pennsylvania and having had several Lehigh men as instructors was very conversant with Lehigh's history and most complimentary. He especially commended the vision and foresight of Lehigh's founders. He said that Lehigh had developed engineering professors who in turn wrote the text-books that other of the early engineering schools used and that in this way Lehigh had done much for the development of engineering education in America.

Dr. Hammond then told of his experiences at Lehigh as a coach and told a number of anecdotes of foot-ball at Lehigh in the nineties. He said he had one player who had 63 hours of academic work a week and that the boy had so many conflicts that he finally solved his difficulties by not attending any recitations.

"Okey" then gave the diners a lot of gossip of the campus and called attention to the fact that Lehigh's progress at present was due to a considerable extent to the support given her by the Alumni. He outlined the Lehigh Plan and showed that it was but an expansion of the present yearly giving by which some three thousand Alumni support the Alumni Association.

Then extemporaneous remarks were called for and "Joe" Thurston gave a talk on College Spirit. He showed that it grows with service to your college and that the more any man gives to Lehigh the more he loves her. His talk went home, for every one there knew that Joe has for six years past fathered and fostered every Lehigh movement in Southern New England and had given constantly not only of his money but of his time in order to make the club a success, the Memorial Campaign a success and the Endowment Drive a success.

Then there were talks by W. E. Johnson, '91, F. S. Camp, '91, R. C. Noerr, '97 and E. E. Yake, '12, which touched on old college experiences and expressed satisfaction in the progress now being made. It was almost midnight before the final good-nights were said.

ARKANSAS LEHIGH CLUB

The Arkansas Lehigh Club will be entertained by C. H. Miller, '88, at his home, in the latter part of May. The occasion will be a farewell dinner to John T. Fuller, who has recently been promoted from General Manager of the American Bauxite Co. to President of the Franklin Fluorspar Co., a position that will call him to Kentucky.

DETROIT LEHIGH CLUB TO BE HEARD ON RADIO

The Detroit Lehigh Club has been invited to participate in a program to be broadcast from WWJ, the Detroit News Station, in Detroit, by the Intercollegiate Association of Detroit. Secretary Neff, '14, writes that while the gang has not yet decided what form their program will take they will certainly be heard from and will try to hold up Lehigh's end as creditably in the ether as they are doing on the bowling alleys.

LEHIGH CLUB OF WESTERN NEW YORK REVIVES ACTIVITY

The Lehigh Club of Western New York held its Annual Meeting on April 3 and elected the following officers for the coming year:

President, Richard Stockton, '10.
First Vice-Pres., Thomas Coyle, '09.
Second Vice-Pres., Clyde Denlinger, '06.
Secy.-Treas., F. H. Hesselschwerdt, '19.

The meeting was a huge success and the true Lehigh spirit was there with bells. If plans for the ensuing year which were discussed are carried out the Club should have a very active year under the new officers. The next meeting of the Club is scheduled for some time in May and will be featured by a session on athletics. Some week-end during the Summer, the exact date to be announced later, the Club will be given a party at Dick Stockton's summer home on the Canadian shore of Lake Erie. Special emphasis is placed on the shore for obvious reasons.

One of the interesting topics discussed at the last meeting was the plan of organ-

izing a golf team to give Lehigh some publicity in the Buffalo district. To quote the Secretary, "If we are good enuf, we are bound to get it; if not, we are sure to get it". Among those present were: Carroll, '11, Ayrault, '18, Hunton, '20, McCall, '91, McKay, '17, Mitman, '23, Lentz, '95, Kelly, '02, Wood, '22, Baldwin, '96, James, '95, Hettler, '14, Kreinheder, '21, Rogers, '24, Denlinger, '06, and Hesselschwerdt, '19.

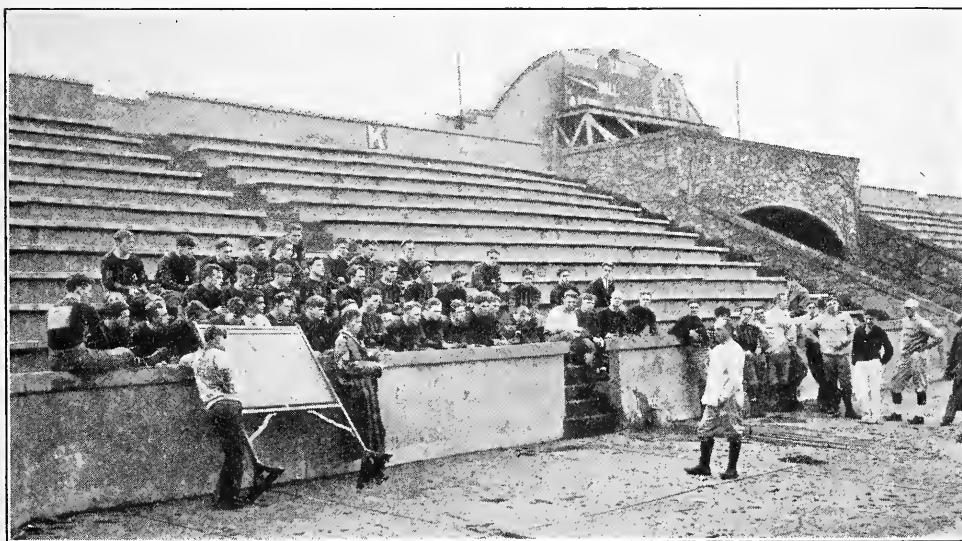
ALL BETHLEHEM WELCOMES COACH WENDELL

Dinner in Honor of New Football Mentor,
Given by the Lehigh Home Club,
Draws 200 Fans

A FOOTBALL dinner in March may seem like rushing the season slightly but, apparently, everyone in Bethlehem feels that the job of beating Lafayette has become a year-round proposition, for two hundred or more loyal fans turned out for the Home Club's dinner in welcome to Percy Wendell, Lehigh's new coach, on March 30, at the Hotel Bethlehem.

"Hop" Walters, '03, President of the Home Club, opened the festivities by reminding us of the coming Home Club dance, on May 1. This affair will be staged in the Hotel Bethlehem, where an excellent dinner will precede the dancing. Lehigh men and their friends are invited.

Toastmaster "Hop" then called on C. A. Buck, '87, President of the Alumni Association, for a few words on behalf of the Alumni. President Buck was not sitting at the speakers' table but he rose



Parting Advice From Coach Wendell

"Keep in condition, stay in college, and remember—no man makes the team in the fall until he earns his place, so every one of you has an equal chance."

nobly to the occasion, and praised the work of the Home Club in strengthening the bond of friendship between the town and the University. He welcomed Wendell in behalf of the Alumni, saying, "When a man makes a success of his chosen work, his message goes before him. Mr. Wendell's message has preceded him to Bethlehem. We wish him all success, a most pleasant connection with our University and assure him of our unanimous support."

W. S. Hutchinson, President of the Bethlehem Chamber of Commerce, welcomed the new coach in a humorous speech, at the beginning of which he justified his presence at the speakers' table, beside five or six football coaches, by saying, "I too have worked with ivory, granite and concrete, so I feel right at home with these coaches."

Walter "Punk" Wood, Coach of Muhlenberg; "Bill" Wood, a graduate of Penn State and present coach at Gettysburg, and "Jack" Wallace, youthful successor to Foster Sanford at Rutgers, were called on for remarks, and each extended to Wendell the best wishes of their respective colleges.

Mr. Ralph Yarnall, a Williams man, but as an Eastonian an adopted son of Lafayette, was given a chance to respond to the verbal walloping the previous speakers had handed our Easton rivals. He did!

Finally, Toastmaster Walters, reversing the order of introduction, called upon the crowd to introduce themselves to Coach Wendell, which they did, with three of the longest, loudest "Lehighs" you ever heard.

"You're a cordial lot," said Wendell, when he could make himself heard. "In the week I've been here I've learned to like Lehigh and Bethlehem a lot, and it's going to grow on me more, I know."

"Spring practice has not revealed very much material. We are trying to get new men out for the squad for we want every boy to know that he has as good a chance of making the team as anyone else. Perhaps the fall will bring out a larger and more promising squad."

"I've been honored by this reception tonight, but I want to repeat what some of the other speakers have said. Naturally, to win is what we all want, but you men are all big enough to know in your hearts that to have a team that you'll be more or less proud of is something."

PHILADELPHIA LEHIGH CLUB HONORS MEMORY OF PROF. LAMBERT

The Philadelphia Lehigh Club met at the University Club on Friday, March 27, to pay tribute to the memory of the late Prof. P. A. Lambert, '33. J. B. Reynolds, '07, Professor of Mathematics at Lehigh and probably the man most closely associated with Prof. Lambert in the department of

mathematics, presented a sketch of the life and works of the great teacher and scholar whose sudden passing recently shocked the Lehigh family. To attempt to abstract Reynolds' remarks would be to lose their effectiveness and the wealth of intimate glimpses of Prof. Lambert which he pictured. It is hoped that an opportunity may be found to reproduce this eulogy in full, in an early issue of the BULLETIN.

A report on the meeting of the Alumni Council was presented by the Club's representatives, Morris, '89, Daboll, '96 and Farnham, '99.

WITH Our Advertisers

The Bethlehem Fabricators, Inc.*

The fashioning of structures grand has been for all time in each land the acme of complacent gust, though countless builders have been cussed. A wond'rous job old Cheops did apiling up his pyramid, King Solomon achieved a feat, when he set up his temple neat. While some Greek, worth gained for eon for his transcendent Parthenon. The Taj Mahal and Notre Dame, the other fanes of world-wide fame, Sophia, Peter, Paul and Rheims, whose certain renown never dims, are monuments of human growth, indicative of pep not sloth. Each imaged by outstanding man with well read mould, with arching span. From Age of Stone they plied to date, technologist to Babilish wait. Bethlehem Fabricators, Inc. has made this poetaster think, so high it raises frames of steel, those jobs of yore like peanuts feel and all those ancient achievements in contrast look like thirty cents. Old Lehigh's sons have helped to raise this standard that deserves such praise, so we find "Hutch" of 'naughty four ensconced behind the boss's door directing in minute degree the works from soup to nuts, b'lieve me. He dots the globe in every clime with well-built steel frames built on time. For "Stevie" Stephenson, '16, it's his to have real progress seen, coordinating every branch, for things to fliver there's small chance. The Chief of Estimate, Design, in '14 got his sheepskin fine. To none in his craft will he yield, we speak of Jerry Overfield. Traeger, '03, and Bender, '12, in engineering aptly delve. Their skill bids works of note to grow, well aided by Savastio, who in the lucky class '13 treed a degree with senses keen. This group of Lehigh Alumni are going good and stepping high. They scheme and plan and do and think for Bethlehem Fabricators, Inc.*

* Editor's Note.—The "Inc." is pronounced as in fountain pen.

"SAUERKRAUT AND KINKS"

*The time has come, the walrus said,
To talk of many things,
Of shoes—and ships—and sealing wax—
Of cabbages and kings."*

We Are Offered a New Job

Dear "Okey":

After reading your impassioned plea of March 25, I could do naught but borrow \$3.00 from the stenographer and remit it to you.

Okey, if ever the Alumni Association fires you, write me. I believe I could get you a job in our credit department, extracting ironmen from hard-boiled contractors, who are over-due in their payments for steel.

Very truly yours,

S. L. Flom, '21.

"Shine" Still Feels Bad, After Three Months

Santa Monica, Calif.,
February 12, 1925.

Dear Okey:

Not long ago I ended a letter to a friend as follows:

"If you find this letter indicates that I am a little low in mind, excuse it. That Lafayette bunch licked us again this year."

And to that I got the following reply, which, while of no Lehigh interest, is too good to keep. It needs circulation. Spread it orally in case you don't need a space filler for the "Bulletin."

"That Lafayette who licked you seems to be quite a lad. Before election I was more interested in the betting opportunities offered by the 3rd Party than by any other phase of the campaign, and so was interested in Labor's viewpoint on politics. I asked all the elevator men and street car conductors and they were a unit. The last conductor I asked said he was going to vote for that guy Lafayette, him that helped us in the war with France. He is good, I admitted, but he died ninety years ago. Don't make no odds, sezze, he's on the ticket, and he aint no deader than a lot of them burds that's been mussing up things in the Capitol for years!"

Aside from this, how you behavin'? I'll admit I'm a little behind like the old cow's tail with my Lehigh obligations, but why should I worry about that? That's something I'll unload on you. It merely shows I was wise to put my subscription at half

what I'd like to have given. I'll get paid up yet; and maybe even boost my ante. My heart is still heavy over that game. Is there—is there balm in Gilead? Quoth the Raven—? ? ?

Yours,

"Shine" (Kirk, '05)

Football, As Was, As Is, and As Will Be

(1870-1890)

Endicott kicked to Amory, and Peabody tackled Wrenn; Cabot punted to Saltonstall, and Gardner made his ten; Hooper-Hooper bucked the center and nearly crossed the line; Sears interfered for Tudor Prince and everything was fine.

(1895-1910)

Brickley tore off sixty yards and kicked a goal as well; Eddie Mahan went round the end and gave the Elis hell; O'Brien pasted Rafferty, assisted by Mike Shea; Shevlin took Kilpatrick's place, and messed up Pat O'Day.

(1925-on)

Radnofsky passed to Hyman, and Sarakoff smeared Levine; Bloomfield punted to Stoneman, and Strauss paired up with Stein; Stronofsky plunged through tackle till stopped by Izzy Rose, Bernstein made a forward pass but disarranged his nose.

Detroit Alumni Bowl Over Cornell

Dear "Okey":

Here's my \$7.00, get it to the correct resting place, please.

Our bowling team—minus its captain—won the third and deciding match against the Cornell team in the local Intercollegiate Association League this week. So I'm "lording" it over the Cornell men in our office.

Good luck to you.

"Hop" Hoppin, '08.



"Austie" Tate at Work With Line Candidates
"Heads up—tails down—look 'em in the eye!"

NEWS OF THE CLASSES

MARRIAGES

Class of 1896

Mr. and Mrs. Henry F. Russell announce the marriage of their daughter, Isabella Pierce to Mr. Isaac Wallington Diggs, on April 15, 1925, in Buffalo, New York.

Class of 1922

John Edgar Miller Wilson to Miss Irene Ross, of Bethlehem, Pa., on December 6, 1924, in the Moravian Chapel, Bethlehem, Pa. Mr. and Mrs. Wilson will reside at 1317 Mahantongo St., Pottsville, Pa.

George F. A. Stutz, Jr., to Miss Madeline Spilman, of Washington, D. C., on October 22, 1924. Mr. and Mrs. Stutz are living at 544 Lafayette Ave., Palmerton, Pa.

Class of 1924

Edgar Thomas Adams, Jr., to Anna Elizabeth Miller, of Bethlehem, Pa., in March, 1925, in Pittsburgh, Pa.

BIRTHS

Class of 1908

Born to Mr. and Mrs. W. D. Sanderson, of Buffalo, N. Y., a daughter, on March 14, 1925.

Class of 1910

To Mr. and Mrs. John L. Mosher, of Moundsville, W. Va., a son, Harry Irving, on January 16, 1925.

Class of 1911

Born to Mr. and Mrs. A. Robert Shaw, of Johnstown, Pa., a daughter, Helen Leslie, on March 22, 1925.

Class of 1916

Born to Mr. and Mrs. F. L. Horine, of Roselle, N. J., a daughter, Suzanne, on February 28, 1925.

Class of 1918

To Mr. and Mrs. J. W. Hogg, of Llanerch, Pa., a son, J. W. Hogg, Jr., on November 23, 1924.

Class of 1919

Born To Mr. and Mrs. Joseph L. Rosenmiller, of York, Pa., a son, Joseph L., Jr., on February 17, 1925.

Class of 1920

Born to Mr. and Mrs. Milton J. Leroy, Jr., of Niagara Falls, N. Y., a son, Milton J. Leroy, Jr., December 14, 1924.

Class of 1924

To Mr. and Mrs. James L. Sanford, of Brooklyn, N. Y., a daughter, Patricia, on March 2, 1925.

PERSONALS

Class of 1871

Dr. Henry S. Drinker, head of the State Conservation Council, an organization whose object is the conservation of woods, waters and wild life in Pennsylvania, presided at the fourth yearly gathering of the Council which was held at Harrisburg, April 9 and 10.

Class of 1875

50-YEAR REUNION, JUNE 6, 1925.
The boys of '75 are planning a turn-out for their 50-Year Reunion with the hope of equaling '74's 100 per cent attendance last year. "Billy" Williams has undertaken to round up the scattered members of the

class and the last advice was to the effect that he and Evans would certainly be on hand and he hopes that between now and June several others will arrange to make the trip. The members of the Class will be the guests of honor at the Alumni Dinner on Friday evening, June 5.

Class of 1880

45-YEAR REUNION, JUNE 6, 1925.

While the members of the class are somewhat scattered, we are hoping to have a fairly good representation for our 45-Year Celebration. Okeson has agreed to attend to such details as room reservations, banners, etc., so all men who can possibly be present are urged to notify him promptly. We strongly recommend a trip to Bethlehem on June 6, and a dose of Auld Lang Syne to all who feel that 45 years is a long time.

REUNION COMMITTEE.

Class of 1885

40-YEAR REUNION, JUNE 6, 1925.

Enough men have expressed their intention of attending the 40-Year Reunion of the Class of '85 to assure those who are still debating the possibility that they will miss an enjoyable occasion if they don't return to Bethlehem on June 6. Some of us will hardly recognize the University, but none of us will find aught but inspiration and good fellowship. Let's have a large and representative turn-out.

'85 REUNION COMMITTEE.

Class of 1888

C. Philip Coleman, President of the Worthington Pump and Machinery Corporation, was recently elected a director of the Foundation Company.

Class of 1889

36-YEAR REUNION, JUNE 6, 1925.

Dear Okeson:

At the Pittsburgh Lehigh Club Dinner I sat next to some of our '89 men, and one of them wanted to know why we have to wait until you told us before we could have another reunion, and why we could not have one this year. Also one of them said if we were going to have a reunion and did not want our wives there, we had better not let them know.

I told them I thought it a good idea and wrote our President, Arch Johnston, on the subject, who replied, "Sure," go ahead." So I might as well give you warning and in the next issue of the "Bulletin" you might give preliminary notice that the Class of '89 will have a reunion this year whether you like it or not, or whether you give us a place in the P-rade or not, or in fact whether you give us any official recognition. So be on the lookout for us, for we'll be there.

WM. A. CORNELIUS.

Class of 1890

35-YEAR REUNION, JUNE 6, 1925.

Secretary Foering reports that the plans for '90's 35-Year Reunion are practically complete. Under the leadership of some of the Bethlehem members of the class a very artistic and inspiring stunt to be staged at the Alumni Dinner on Friday night is being prepared. The committee has arranged for decorative insignia that will inform the community that the 35-year class is back in full force, without sacrificing the dignity or denting bank rolls. The majority of the class have signified their intentions of being present for the festivities. Those who have not yet done so are asked to notify Howard Foering promptly in order that reservations and all other provisions for their comfort and entertainment may be arranged in advance.

Class of 1895

30-YEAR REUNION, JUNE 6, 1925.

'95 is planning the biggest 30-Year Reunion ever held at Lehigh. Already 45 men have signified their intention of returning. This number includes: S. V. Lippitt, from Porto Rico; S. C. DeWitt, from Canada; J. C. Whitmoyer, from England, and J. C. Barber, from Alaska, hopes to be present. It is expected that this number will reach sixty men when the final returns are in. As '95 has only 108 members for whom we have any address, this will give them a reunion percentage of considerably over 50%. Of the 45 men who have written that they expect to be present only two or three are uncertain in their plans. The others (and this includes the three from England, Canada and Porto Rico) express themselves as "Sure to be there"; "Wouldn't miss it for the world"; "All business stops the first week in June," and other equally forceful words of assurance.

"Bob" Taylor, the "Man-of-all-work," with some slight assistance from "Okey", has made all the plans. The Northampton County Country Club will be the headquarters of the Class on Friday, April 5, where golf and tennis will be interspersed with reunion sessions, rehearsing of the big stunt for the Alumni Dinner, songs of other days led by "Jack" Gibson, author of the Alma Mater, etc., etc., etc. Saturday the headquarters will be at the Bethlehem Club. Distinctive but dignified costumes have been arranged for, a band hired and the main dining room of the Club reserved for the banquet Saturday night. Any '95 man who misses this reunion will suffer life-long regret. The list of the 45 men who have already signified their intention of being present is: Ayres, Budd, Baker, C. K. Baldwin, Bricker, Burgess, Bowie, Barber, Beggs, Castleman, Cooke, Colemen, DeHuff, DeWitt, Eckfeldt, Eden, Farman, Ferriday, Gibson, Higbee, James, Jacoby, John, Keim, Lambert, Lentz, Lippitt, Philips, H. T. Rights, Reinecke, Siegel, Stocker, Steinmetz, Taylor, C. F. Townsend, H. A. White, Webster and Whitmoyer.

Class of 1896

"Tommy" Gannon is holding his own in the contest with "Father Time," as a clipping from a recent issue of the "New York Telegram and Mail" proves. "T. J. Gannon, of the Worthington Pump and Machinery Corporation, and president of the Allied Commercial Bowling League, broke the season's record for three games by rolling 237, 204, 208, resulting in a total pin fall of 649, at Park Row Academy last night." Next thing we know the Maryland Lehigh Club will be trying to coax Tommy down to Baltimore—headquarters of Lehigh "Alley rabbits."

Class of 1897

John Boyt is with the Hercules Powder Company, at Wilmington, Del.

Class of 1898

Clarence Barnard, Captain of the Ordnance Department, U. S. Army, has been transferred from the Raritan Arsenal, Metuchen, N. J., to the Detroit District Ordnance Office, in the Farwell Building.

According to newspaper reports dated April 3, Rafael "Fatty" Sanchez, will be named Ambassador to the United States upon the retirement of the present incumbent of that office.

Class of 1900

25-YEAR REUNION, JUNE 6, 1925.

Everything is set for the biggest and best Reunion 1900 ever had. We will get together for the first time at the big Alumni

Dinner, Friday evening, June 5, and from that time forward we will have ample time to discuss all the things that have happened in the 25 years. A good attendance is assured. You will surely regret it if you allow anything to keep you away. A. C. Dodson, Bethlehem, will attend to any local arrangements at your request. Write him today that you'll be present, if you happen to be one of the few who have not already done so.

REUNION COMMITTEE.

F. A. Groff writes that he is planning to be present at the 25 Year Reunion in June.

Class of 1901

"Cad" Evans has been appointed General Manager of the Hudson Coal Company effective April 1. It's a big job and Cad's many friends will be glad that the success he deserves has come to him.

Class of 1903

"Al" Glancy has been made President of the Oakland Motor Car Company, at Pontiac, Michigan.

Class of 1904

Baxter A. Cornwell is in the Electrical Department of the Carnegie Steel Company, at their Youngstown, Ohio, plant.

Class of 1905

20-YEAR REUNION, JUNE 6, 1925.
 '05's Reunion Committee, as appointed by President "Dan" Berg, is composed of A. S. Clay, Clarence White, "Shine" Kirk, "Nick" Funk and Billy Estes. The latter has attended to most of the local details and arranged for the class dinner at the Bethlehem Club, at 7:00 o'clock, Saturday evening. White has been delegated the job of rounding up suitable costumes and, while he refuses to divulge what kind of a uniform '05 will appear in, it is a safe bet that it won't fool anybody much, for among the celebrities who have guaranteed their own attendance we notice the names of "Shine" Kirk and "Hosty" Hostetter. I'll say that everybody in town will know that '05 is back, no matter how they are disguised!

The committee decided at their very first meeting that there was no use wasting a lot of postage telling the members of the class about the Reunion, for it is a foregone conclusion that everyone with the price of a railroad ticket will be on hand. However, the committee would like to get a fairly good idea of how many will show up on June 5, as there are certain things that have to be bought in advance for a Reunion and some of them are a little hard to get nowadays.

Class of 1906

Charles B. Devlin is living at 31 Halsey St., Newark, N. J.

Class of 1907

Richard G. Brindle has established a manufacturing business in Belleville, Pa.

Class of 1908

F. G. Perley is Power Engineer for the Pennsylvania Power & Light Company, Allentown, Pa.

Class of 1909

H. G. Harvey, who is general manager of the Pennsylvania Edison Company, in Easton, Pa., recently delivered one of the so-called Orientation Lectures to the engineering Freshmen at Lehigh. He emphasized to the boys the importance of participation in extra-curriculum activities. An interesting point brought out by his talk was the fact that when he entered the employ of the Pennsylvania Edison Company in 1920 he was the only Lehigh man in the

organization. At present there are five others, G. P. Flick, '14; D. M. George, '20; F. M. Porter, '17; A. Schultz, '24, and A. W. Sigafous, '27.

A. M. Paget has resigned from the McClinic-Marshall Company to associate himself with the firm of Visscher & Burley, architects, and designers of the Lehigh Alumni Memorial Building, of 363 Lexington Avenue, New York City.

H. A. Reichenbach has been appointed Superintendent of the Nazareth Cement Company. Reichenbach was formerly with the Alpha Portland Cement Company, in Easton, Pa., and with the Fuller Engineering Company.

Class of 1910

15-YEAR REUNION, JUNE 6, 1925.

The 1910 15-Year Reunion is all set. '10 was lucky in having a large delegation of members located in Bethlehem, for there is A. J. Standing, Gosztonyi, Jacobs, Kenney, Lantz, Fry, Solt and Smith. Between them, all details of arrangement have been well taken care of in plenty of time so the class can be assured of accommodations for their banquet on Saturday night, costumes for the big Parade, some spectacular stunts for the entertainment and enlightenment of the assembled throngs on Taylor Field and some high-class 1910 entertainment at the Alumni Dinner on Friday night. Fifty men have already announced that they will be on deck for the doings. While we have not a complete list of the names, we have heard from the following men in addition to the Bethlehem contingent:

George M. Force	J. H. Pierce
G. H. Bingham	C. H. Rhodes
G. R. Waltz	J. S. Rowan
T. L. Farrar	F. H. Sasscer
Bradley H. Waltz	E. B. Shimer
H. C. Gerwig	R. K. Stritzinger

J. C. Gorman	L. R. Sturgis
G. F. R. Bahnsen	R. B. Swope
Jacob Bright	H. C. VanBlarcom
G. A. Caffall	D. G. Williams
R. V. Eder	N. L. Lichtenwalner
L. P. Gilmore	R. D. Koplin
E. M. Killough	William A. Staab
C. B. Lawson	L. A. LeVan
William Lewis	H. R. Stubbs
J. L. Mosher	R. B. Mathews
O. B. Niesen	Roy N. Williams

J. C. Gorman	L. R. Sturgis
G. F. R. Bahnsen	R. B. Swope
Jacob Bright	H. C. VanBlarcom
G. A. Caffall	D. G. Williams
R. V. Eder	N. L. Lichtenwalner
L. P. Gilmore	R. D. Koplin
E. M. Killough	William A. Staab
C. B. Lawson	L. A. LeVan
William Lewis	H. R. Stubbs
J. L. Mosher	R. B. Mathews
O. B. Niesen	Roy N. Williams

William T. Dodson is an executive engineer, with offices at 90 West St., New York, N. Y.

Leighton Dunning is with John Warren Watson Company, manufacturers of Watson Stabilators, in their Detroit Branch, at 3081 Grand Boulevard, East.

E. J. Haug is living in Berkeley, California, at 3141 College Avenue.

V. I. Moncrieff is with the American-LaFrance Fire Engine Company, Inc., of Elmira, New York.

Dear "Okey":

Enclosed you will find my check for \$5.00 for dues. If it doesn't prove to be good, please inform me and I'll send you another.

I am looking forward with a great deal of pleasure to my 15-Year Reunion next June. I haven't decided yet whether or not I will take Jimmy, Jr. He says that he would like to show some of those boys on the Wrestling Team what they should have done to have won the Intercollegiates. At any rate I propose to teach him the manly art just as soon as he is able to comprehend the various holds.

Sincerely yours,

(Signed) J. C. Gorman.

Class of 1912

Herbert L. Cooper is Highway Engineer, with headquarters at 242 W. Washington St., Phoenix, Arizona.

INTERESTING FACTS OF HISTORY

Do You Know

—that Monticello, Jefferson's estate on a hill overlooking the University of Virginia, is being restored by the Thomas Jefferson Memorial Foundation and will be maintained by them for the American people?

Thomas Jefferson was born on April 13, 1743. He framed the Declaration of Independence. His associates, among whom were John Adams, Benjamin Franklin and John Hancock, knew that Jefferson could do this sat-

isfactorily and they signed it, with minor changes, as it expressed the minds of the American people.

Jefferson and Adams both served as President of the United States for opposing parties. They became fast friends, and by a singular coincidence both died on July 4, 1826.

Facsimile copies of the Declaration of Independence for framing are obtainable free on request from the company.

The John Hancock Mutual is particularly interested in insuring college men and women and obtaining ambitious college graduates for the personnel of its field staff.

Over Sixty Years in
Business. Now Insuring
Over Two Billion Dol-
lars on 3,500,000 Lives

John Hancock
MUTUAL
LIFE INSURANCE COMPANY
OF BOSTON, MASSACHUSETTS



Stake out your claim in this field

ONE field where there is still undeveloped territory, still room for pioneers, is the electrical industry. This will be encouraging news to the man who thinks he was born too late.

If your aptitude is technical, there are years of usefulness ahead of you in helping to design, construct and operate public utility lines. And too, fast-growing markets for electrical apparatus call for more and more college-trained men in the manufacturing end of this industry.

Or if your interests are along commercial lines, there is a broad opportunity for you here in the various departments of purchasing, accounting, distributing, selling and advertising.

Western Electric Company

This advertisement is one of a series in student publications. It may remind alumni of their opportunity to help the undergraduate, by suggestion and advice, to get more out of his four years.

Published in
interest of Elec.
Development by
stitution that will
ped by what
helps the
industry.

Class of 1913

S. Bear is selling bonds for Dillion Read & Company, 298 Union Trust Building, Pittsburgh, Pa. This news will no doubt throw some light on the manner in which that company was able to plank down 175 million cold cash for the Dodge Brothers auto business.

A. L. O'Brien is located in Dorchester, Mass., and lives at 127 Radcliffe Street.

Class of 1914

"Sam" Knight, who has been lost for a long time, is Southern California manager of the McCormick Steamship Company, with offices in the Mortgage-Lane Building, at 8th and Spring Sts., Los Angeles, Calif.

The following gem came in with a check to boost the '14 dues line:

Dear "Okey":

This pencilled note
To you I've wrote
To tell you one sad story;
My check is late
I must relate,
Because of Inventory.

(Signed) D. G. Baird.

Class of 1915

10-YEAR REUNION, JUNE 6, 1925.

Our class is ten years young on June 6th and your reunion committee hopes to put across a real one. There are 80 members of the class of 1915 living within a radius of 200 miles of Bethlehem, and we expect every one of you back. With this as a starter, we ought to have a chance at the reunion cup.

The stunt for the Friday night Alumni Dinner is in the hands of Bill More, and he says that he will require lots of cheering. We will show reasons why Lehigh should include a course in Dramatic Art.

Saturday, the P-rade and 1915 in dainty, but not gaudy costumes. If the game that day is anything like the one last year, your trip to Bethlehem will not be in vain. At 7.30 P.M. on Saturday evening, our Class Dinner will be held at the Lehigh Country Club. This is the real climax of the weekend, and your life story will be required in very few words.

If you don't come back, that's your fault. If you do come back, and a good time isn't had by all, that's our fault.

REUNION COMMITTEE.

J. R. Dilley has moved from Andover, Mass., to Washington, D. C., where he lives at 4308 Chesapeake St., N.W.

D. R. Vanneman has left the Rochester Ice Cream Company to become Superintendent of the Leichtman's Ice Cream Company, of Hazleton, Pa. He is living in Taylor Apartments, Church and 5th Streets.

Class of 1916

"Ken" Lambert has recently been appointed Superintendent of the Jermyn Colliery of the Hudson Coal Co., at Jermyn, Pa. Dear "Okey":

In reply to your letter of March 27, I am enclosing my personal check for 6 pesos to cover my alumni and class dues, also "Buletin" subscription.

I have mislaid the ballot which you forwarded but in politics I am a good Republican so cast my vote accordingly.

As a suggestion—I wish you would consider an additional office for future ballots. This office to be known as "Demon Alumnus." The name of Herbert Leslie receives my unqualified approval for this office. For it is partly at his solicitation that I enclose this check.

Yours for Lehigh (both the Univ. and the cement).

(Signed) F. W. Shay, '16.

ROBINS BULK MATERIAL HANDLING MACHINERY



Wherever there is material to be handled, there is a type of
Robins Equipment that will reduce the cos's.

Write for HANDBOOK OF CONVEYOR PRACTICE

ROBINS CONVEYING BELT COMPANY

THOMAS ROBINS,
President

C. KEMBLE BALDWIN, '95,
Vice-Pres. and Director of Sales

THOMAS MATCHETT,
Vice-Pres. and Gen. Mgr.

E. ROBINS MORGAN, '03, Mgr. Pittsburgh Office.

15 PARK ROW, NEW YORK
CHICAGO PITTSBURGH PHILADELPHIA BOSTON

Class of 1917

"Al" Richards has left Pottsville, where for some years past he has been mining engineer with the Phila. & Reading Coal & Iron Company, to become president of the Pemberton Coal & Coke Company, of Bluefield, W. Va. His office is at 612 Peery Bldg.

Class of 1918

E. M. "Allie" Allan drove down to Bethlehem the other day with a couple of prospective freshmen. He looks fine; reports that he is very prosperous and extremely single. We talked about a lot of you birds!

"Pete" Grace is with the Titus Blatter & Company, dealers in Leona Mills Fabrics, at 162 Fifth Avenue.

"Jo" Lawall, who is with the National Lamp Works at Nela Park, Cleveland, also stopped in the office this month for a chat. Jo has quit drawing pictures to take up publicity work, and is getting along nicely. We went down to the field to finish our chat while we watched Syracuse trim our lacrosse team.

Class of 1919

1929 seems like a long way ahead, but the '19 Class Guarantee Committee has shown its foresight by instituting regular class dues of \$1.00 per year beginning this year. Members of the class who have not yet sent in their alumni dues and "Bulletin" subscription may include the class dues with their check to the order of the Alumni Association, and the extra dollar will ultimately find its way to the class coffers. Men who have already paid their alumni dues should forward \$1.00 class dues to H. D. Ginder, 1800 N. Washington Ave., Scranton, Pa.

F. C. Adams, who was formerly with A. L. Albee & Company, Brokers, of Boston, has started out for himself as a broker, dealing in unlisted securities, with offices at 50 Congress Street.

P. A. Carr is located in Greensboro, N. C., with an office at 170 Benbow Arcade.

"Gil" Doan, who is touring the world, sends a card from Damascus, Syria. "The structure of industry and commerce is simple," he writes, "the master makes his wares before your eyes and sells his own product at the stall." Gil has promised to write an account of his experiences in more detail for the "Bulletin" a little later.

G. H. Gildersleeve has severed his connection with the General Electric Company and has taken a position as District Manager in Cleveland with The Cutter Electrical Company, manufacturers of Circuit Breakers and other electrical specialties.

"Buckie" Macdonald is with the Jersey Railways Advertising Company, Holt Bldg., Newark, N. J., and living at the Newark Athletic Club.

The sad news of the death of Mrs. Joseph L. Rosenmiller, on March 6, will be a shock to many '19 men, and the sympathy of the Class will certainly go out to "Joe" in his sudden misfortune. Mrs. Rosenmiller, before her marriage, in April, 1924, was Dorothy Sybil Shinley, of York, Pa.

Class of 1920

5-YEAR REUNION JUNE 6, 1925

Plans for our 5-Year Reunion are coming along in splendid shape, and we are hoping to have a record-breaking crowd in Bethelhem for the week-end of June 5th and 6th. You can probably guess from past experience what the program of events will be. On Friday night, June 5th, there will be the Annual Alumni Dinner, at which we hope to put on some sort of a stunt for our Class, and Saturday morning will be devoted to a general get-together, the Class assembling

HILDENBERGER & GOODWIN Insurance Plus Service

Wilbur Trust Building

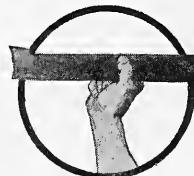
640 Linden Street, Allentown, Pa.
N. Third Street and The Square, Easton, Pa.
80 William Street, New York City.
805 Franklin Trust Bldg., Philadelphia, Pa.

Can you accept Commission
to report on Water Power project?

Would you like to be competent to?
Is it worth finding out how?

Address : WATER POWER COACH
Box 977 South Bend, Indiana

Red Cut Superior



INTERNATIONALLY KNOWN
and recognized as the Peer of all
High Speed Steels.

Manufactured by

Vanadium Alloys Steel Company LATROBE, PENNA.

LATROBE, PENNA.

**THE
NATIONAL
LOCK WASHER
COMPANY**



Largest and Oldest Manufacturers
of Spring Washers
in the World

NEWARK, NEW JERSEY, U.S.A.

C. H. Loutrel Yale, '07	J. Howard Horn Princeton, '07	J. D. Cowan Princeton, '08
R. F. Golden Georgia Tech., '11	F. J. Gerhard Lehigh, '13	W. R. Hillary Pennsylvania, '97

**The Bethlehem
Preparatory School**

**A SCHOOL OF HIGH SCHOLASTIC
STANDING**

Every opportunity given the student to make rapid progress and save time.
1600 boys prepared for leading universities in 43 years.
All branches of athletics.
Write for catalogue.

JOHN MITCHELL FUGGEY
Head Master

in full force before the Alumni Luncheon so that we may be organized to go on the field together with the other Reunion Classes. Your President is working with E. W. Estes, the Secretary, and B. B. Davidson, in making all necessary arrangements. On Saturday night after the athletic contests we plan to have a dinner for the Class at the Sun Inn, and we want every man present.

Lots of us have not seen each other since we graduated, and since Reunions come only at five-year periods, we want to have every man back who is able to be there in order to renew old friendships and to talk over new plans for Lehigh and our Class. Put these dates down in your brain and lay your plans to be in Bethlehem for those two days. More specific announcements will follow later.

MERCER B. TATE, JR.,
President, Class of 1920.

Lt. Albert J. Wick, who is at present stationed at Fort Hancock, N. J., with the 136th Coast Artillery Corps, will sail for the Philippines on May 28. He writes that he is very much disappointed to have to leave just before the 5-Year Reunion and sends his best wishes to the class for a wonderful party.

Class of 1921

"Bill" Long is with A. Hopkin, Jr., Company, dealers in incandescent light bulbs, 235 S. 5th St., Philadelphia.

Class of 1922

Richard Clark, formerly with the Bethlehem Steel Company, in Bethlehem, Pa., is now located in Pittsburgh, Pa., at 4817 Chatsworth St.

Dear "Okey":

I am enclosing this year's and next year's dues to see how it feels to be ahead of the game for a change.

R. H. Morris, III.

(Much obliged, Henry. Aint it a grand and glorious feeling?)

R. S. Mercur is taking student training course with the Pennsylvania Power and Light Company, at Allentown, Pa. Until recently he was working for J. A. Roebling's Sons, in Trenton, N. J.

We seem to have a hard time keeping up with the movements of A. M. Michell. Last month we reported him with the Hillman Coal & Coke Company, at Republic, Pa. Since then we have heard from "Mich" that he is with the Bethlehem Mines Corporation in Fairmont, W. Va. He writes that since the recent explosion that wrecked one of the Bethlehem mines he has been kept very busy.

George W. Walters, who is with the Traylor Engineering Company, of Allentown, Pa., has been transferred to Seattle, Washington, in the sales department of that company, with offices in the Alaska Bldg.

American Telephone & Telegraph Co.
Long Lines Department
Bourse Bldg., Philadelphia, Pa.

March 27, 1925.

Dear "Okey":

Here's my check for dues and "Bulletin" subscription; sorry I let it slide so long. Have seen quite a bunch of the fellows lately in these parts. About two weeks ago I bumped into little Jim Carey who is working in Camden. Then last week I met "Poss" Greer on the street and had quite a talk with him. He is working around here somewhere—don't know just exactly where. Then there's the gang at the office: Knoderer, Lashells, Roest and Steiner. Well, Okey, I wish you luck in collecting subscriptions and hope for the best in football next year.

Sincerely,
W. R. Kilbourn.

Class of 1923

W. A. S. Boyer blossoms out on the front page of the "Philadelphia Inquirer" as winner of the \$100 prize in that newspaper's Cross Word Puzzle contest. "Bill" is living in Bethlehem, where he is employed in the Voucher Department of the Bethlehem Steel Company. His write-up gives Lehigh some good advertising, mentioning Bill's work in the L. U. Band and his high scholastic record at Lehigh.

Adam Hitchner is taking a post graduate course at the University of California, in Electrical Engineering.

J. W. Kreisel is attending the Harvard University Graduate School of Business, in Cambridge.

J. D. McPherson, Jr., who is in the Valuation Department of the Pacific Gas and Electric Company in San Francisco, writes an interesting account of the work he is engaged in at present. The City and County of San Francisco are considering buying the properties, that is, the distribution lines, and then bringing their power from the Hetch Hetchy dam and power plant to supply the city. The job is a very big one and the outlook is that it will not be completed until the end of the year.

Johnny Opdyke is now with J. H. O'Brien & Company, of 212 Summer St., Boston, Mass.

R. T. Settle, who was in the Insurance business in Washington, D. C., until recently, has moved to Greensboro, N. C., to become manager of the Mutual Insurance Agency, Inc., of that city. His mailing address is P. O. Box 1121, Greensboro, N. C.

Olin C. Sheetz is telephone engineer with the Bell Telephone Company at their Philadelphia office on North Broad Street.

E. H. Snyder is electrical engineer with the Public Service Electrical and Gas Company in Newark, N. J., and is living at 279 Mt. Prospect Avenue.

Class of 1924

1-YEAR REUNION, JUNE 6, 1925.

Boys, it's going to be inexpensive but not "cheap"; it's going to be excellent but not elaborate, and it's going to be the biggest gathering of good fellows that ever made up a Lehigh reunion. The Dean regrets that he cannot attend our banquet, but outside of that everything promises to be lovely. Hock your clothes if necessary, but don't let anything keep you away from "Beslem" on June 6.

'24 REUNION COMMITTEE.

R. J. Buck is attending the Harvard Graduate School of Business, in Cambridge, Mass. His local address is 16 Wendell St.

D. B. Dick is Assistant Superintendent of the Dick Construction Company, of 912 Markle Bank Bldg., Hazleton, Pa.

Edward W. Gorham is with the Standard Oil Company of New Jersey at their Bayway, N. J., refinery. He lives at 405 Westminster Avenue.

E. P. Hartmann is located at N. Easton, Mass.

R. A. Heckert, until recently teaching school in Philadelphia, has accepted a position with the Bethlehem Steel Company and is living at 430 Pawnee St., Bethlehem, Pa.

J. R. Milligan is with the National Supply Company, dealers in Oil and Gas Well supplies, in Newark, Ohio.

J. H. VanDyke is working for the National Tube Company, in Ellwood City, Pa.

Warren W. York, formerly with Halsey Stewart & Company, of New York City, is now located in Scranton, Pa., at 903 Mears Building, where he is in the bond sales game.



For Protection Against Fire

If your openings are protected with Wilson Underwriter Rolling Steel Doors, the fusing of a link at a temperature of approximately 160 degrees will release the automatic device and close the doors.

They can be raised immediately afterward, if necessary, and a new link inserted and the automatic device reset without removing the hoods or dismantling the doors.

The Underwriters' Laboratories, Inc., Chicago, Ill., approve and label Wilson Doors for interior as well as exterior openings.

Our catalog No. 35 describes them fully. You are welcome to a copy.



The J.G. Wilson Corporation

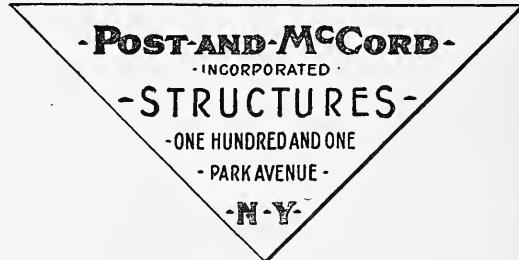
Established 1876

11 East 36th Street, New York

Offices in Principal Cities

J. F. Middledith, '99, Secretary and Treasurer

L. Bevan, '21



SPECIALISTS
IN
DESIGN AND CONSTRUCTION

AUBREY WEYMOUTH, '94
CHIEF ENGINEER

POOLE & McGONIGLE
ENGINEERS AND MANUFACTURERS
STRUCTURAL STEEL FOR BRIDGES, BUILDINGS, ETC.
CHARLES McGONIGLE, '01. OTHO POOLE.
PORTLAND, OREGON.

POOLE-DEAN COMPANY
INCORPORATED 1911
STEEL CONTRACTORS
ERECTORS OF BRIDGES AND BUILDINGS
PORTLAND, OREGON
OTHO POOLE. CHARLES McGONIGLE, '01.

LEVERING & GARRIGUES CO.
552 W. 23d STREET
BOSTON, MASS. NEW YORK HARTFORD, CONN.
STEEL CONSTRUCTION

DESIGNERS, MANUFACTURERS
ERECTORS OF STEEL STRUCTURES
ENGINEERS AND GENERAL CONTRACTORS
FOR INDUSTRIAL BUILDINGS
L. L. GADD, '94, Vice-President
R. F. GADD, '93, New Eng. Mgr.

DAYLIGHT ILLUMINATION

The angle of refraction being equal to the angle of incident, it is a simple matter to determine the correct angles to use in manufacturing glass which will give good illumination. But for proper industrial illumination, there is more to be considered than mere deflection of light. The direct beam of light must be eliminated in order to prevent sun glare, which is objectionable on account of its causing heavy shadows and strong contrasts which decrease the efficiency of employees and necessitate the use of shades which in turn reduce the light to such an extent that daylight illumination any distance from the light source is not sufficient. Therefore, in order to produce a glass which when used in the windows of industrial plants will produce as near to ideal illumination as possible, we must first eliminate the direct rays of the sun by deflecting the light to the ceiling and side walls which re-deflect it back to a distance 25 to 50 feet from the window throughout the entire working area. To accomplish this we have scientifically designed a type of glass which is named "Factrolite."

Factrolite consists of 30 ribs to the inch, running at right angles, forming 900 pyramidal prisms or 3,600 light deflecting surfaces which completely disintegrate the direct beam of light from the sun. Furthermore, the depressions in the surface of Factrolite are so slight that the accumulation of dirt and dust is minimized and can be perfectly cleaned with an ordinary dry scrubbing brush. Incidentally, the cleaning of windows is most important for keeping up production and increasing the efficiency of any industrial plant and should be given more consideration in plant management.

If you are interested in the distribution of light through Factrolite, we will send you a copy of Laboratory Report—"Factrolited."

MISSISSIPPI WIRE GLASS CO.,

220 Fifth Avenue,

St. Louis.

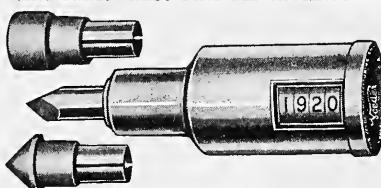
New York.

Chicago.

Veeder

Products:

CYCLOMETERS FOR BICYCLES AND MOTORCYCLES, TO RECORD DISTANCE TRAVELED; ODOMETERS FOR MOTOR TRUCKS, TO REGISTER MILEAGE; COUNTERS FOR RECORDING THE PRODUCTION OF MACHINES; SPEED COUNTERS FOR COUNTING REVOLUTIONS OF SHAFTS OR FLYWHEELS; TACHOMETERS FOR INDICATING IN REVOLUTIONS-PER-MINUTE THE SPEED OF MOTORS, PRIME MOVERS, GENERATORS OR ANY REVOLVING PART. ALSO FINE DIE CASTINGS REQUIRING ACCURACY AND UNIFORMITY.



The No. 21 Speed Counter shown at left registers number of revolutions (per minute) of a motor, engine, dynamo, line shafting, machine spindle or any revolving part. The point is held against the end of the revolving shaft; the instrument pressed lightly when count is commenced; pressure released when the timing is over. Push-clutch starts or stops recording mechanism instantly, giving exact R. P. M. readings without use of stop-watch. Price, \$3.50.

Veeder Counters are made for every machine that should have one—all the models are shown in the Veeder counter booklet. Write for copy of this 80-page counter cyclopaedia.

The Veeder Mfg. Co., 20 Sargeant Street,
HARTFORD, CONN.

C. H. VEEDER, '86, President

Fleck Bros. Co.

Manufacturers and Dealers

**PLUMBING and HEATING SUPPLIES
FOR EVERY KIND OF BUILDING**



SANITARY SPECIALTIES, FACTORY EQUIPMENT,
WROUGHT PIPE, VALVES, SCREWED FITTINGS,
WATER SUPPLY SYSTEMS, SEPTIC TANKS,
BOILERS, RADIATORS,
“PAWNEE” PIPELESS FURNACES,
HEATING APPLIANCES.

GENERAL OFFICES
AND DISPLAY ROOMS
50 N. FIFTH STREET
529 ARCH STREET
1645 N. AMERICAN STREET
PHILADELPHIA, PA.

JOHN G. FLECK, '90
Vice-Pres. & Gen. Mgr.
G. B. LAPISH, '19
Pur. Agt. READING BR.

BRANCHES
Arlington, Pa.
Atlantic City, N. J.
Baltimore, Md.
Camden, N. J.
Easton, Pa.
Lancaster, Pa.
Lansdowne, Pa.
Macungie, Pa.
Norfolk, Va.
Reading, Pa.
Williamsport, Pa.

WORTHINGTON SERVICE TO MANUFACTURING PLANTS

STARTING about eighty years ago as a builder of pumps which at that time nobody thought were wanted, this organization developed the science of pump design and in the meantime grew to be the largest builder of pumps in the world. In growing the business has expanded its scope until it now includes many types of machinery all more or less closely related to pumping problems.

The products listed below are complete lines which give the freedom of choice necessary to secure the best type for each particular application.

General Manufacturing

Power Pumps	Diesel Oil Engines
Deep Well Pumps	Ammonia Compressors
Centrifugal Pumps	Ammonia Pumps
Boiler Feed Pumps—all kinds	Exhaust Relief Valves
General Service Pumps—all kinds	Condensate Pumps and Receivers
Fuel Oil Pumps	Feed-water Heaters
Air Compressors	Fire Pumps (Underwriters)
Condensers—surface, jet, barometric	Meters—oil and water

Worthington Service is distributed over the world.

The offices in the United States are:

ATLANTA	Trust Co. of Georgia Building	KANSAS CITY	Scarritt Building
BIRMINGHAM	American Trust & Sav. Bk., Bldg.	LOS ANGELES	2424-2426 Enterprise Street
BOSTON	Massachusetts Trust Building	NEW ORLEANS	533 Baronne Street
BUFFALO	Iroquois Building	PHILADELPHIA	No. American Building
CHICAGO	Old Colony Building	PITTSBURGH	Oliver Building
CINCINNATI	First National Bank Building	ST. LOUIS	Laclede Gas Building
CLEVELAND	Rockefeller Building	ST. PAUL	Commerce Building
DALLAS	Magnolia Building	SALT LAKE CITY	Walker Bank Building
DENVER	435 Seventeenth Street	SAN FRANCISCO	Sharon Building
DETROIT	Majestic Building	SEATTLE	Maynard Building
EL PASO	Mills Building	TULSA	424 North Boulder Street
HOUSTON	Southern Pacific Building	WASHINGTON, D. C.	Homer Building

WORTHINGTON PUMP AND MACHINERY CORPORATION

115 BROADWAY, NEW YORK CITY

BRANCH OFFICES IN 24 CITIES

C. PHILIP COLEMAN, '88, PRESIDENT.

WORTHINGTON



THE PHOENIX IRON CO.

Manufacturers of Open Hearth

Structural Steel Shapes

Works:
PHOENIXVILLE, PA.

Main Office:
PHILADELPHIA, PA.

Offices:

22 S. 15th St., Philadelphia	110 State St., Boston, Mass.
30 Church St., New York City	City Savings Bank Bldg., Albany, N. Y.
	Munsey Building, Washington, D. C.

THE PHOENIX BRIDGE CO.

Engineers and Builders of
Bridges and Other Structures of Steel

Bridge Works, PHOENIXVILLE, PA.

Established 1790

Capacity, 75,000 Tons per Annum

W. R. HALL, '02, ASST. ENGR.,	BRIDGE DEPT.
W. H. ELLIS, '09, ASST. ENGR.,	ERCTION DEPT.
W. E. STURGES, '10, RES. ENGR.,	WASHINGTON OFFICE

G. Herbert Bingham,

Wholesale Lumber,

Timber, Ties, Logs, Poles, Mine Props and Piling.

Dunmore, Pa.

THE R. G. JOHNSON COMPANY

CONTRACTORS AND ENGINEERS

SHAFTS, SLOPES
MINING CONSTRUCTION

PITTSBURGH, PA.

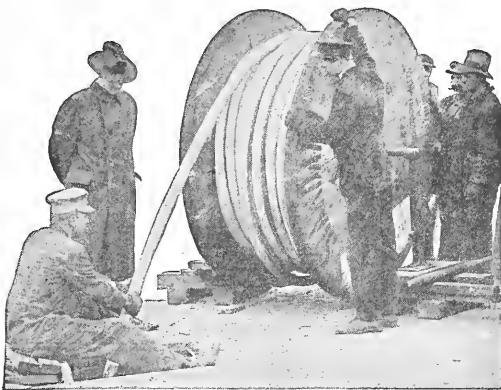
R. G. JOHNSON, '04, PRES.
C. H. DORSEY, '08, TREAS.

STANDARD Wires and Cables

include electrical conductors for aerial, underground and submarine light, power, telephone and telegraph service.

STANDARD Products also include a complete line of Outdoor and Indoor Cable Terminals, Cable Junction Boxes and other Cable Accessories.

These products are the result of over 42 years devoted exclusively to the manufacture and installation of electric wires and cables. This experience is at the service of cable users.

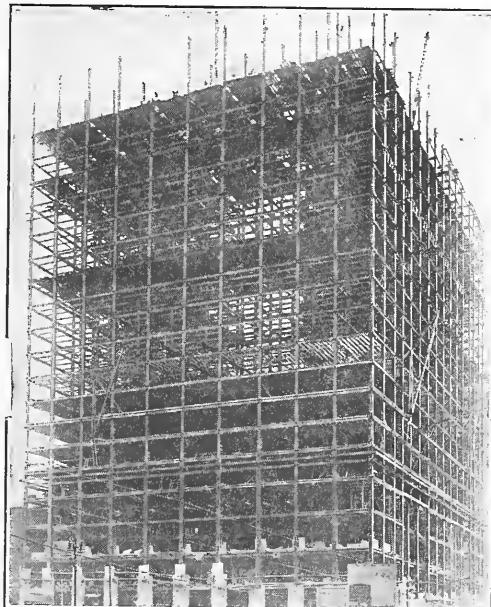


Standard Underground Cable Co.

General Offices: Pittsburgh, Pa.

WITH THE COMPANY:
P. H. W. Smith, '92
Vice-Pres.
G. J. Shurts, '12

BRANCH OFFICES IN ALL PRINCIPAL CITIES.
FOR CANADA: STANDARD UNDERGROUND CABLE CO.
OF CANADA, LIMITED, HAMILTON, ONT.



Book-Cadillac Hotel, Detroit, Mich.

Bethlehem Fabricators

INC.

OFFICE AND WORKS
BETHLEHEM PENNA.

STRUCTURAL STEEL
FABRICATORS
AND ERECTORS

AGENTS

BALTIMORE, MD.
BRIDGEPORT, CONN.
CLEVELAND, O.
DALLAS, TEXAS.
HAZLETON, PA.
LYNCHBURG, VA.
NEW YORK, N. Y.
PHILADELPHIA, PA.
SCRANTON, PA.
WASHINGTON, D. C.

R. P. Hutchinson, '04
J. H. Traeger, '03
C. H. Bender, '12
Leonard Savastio, '13
G. M. Overfield, '14
F. L. Stephenson, '16

Bethlehem Foundry & Machine Company

GENERAL FOUNDERS AND MACHINISTS

BETHLEHEM, PENNA.

W. A. WILBUR, President
J. GEORGE LEHMAN, '96,
1st Vice-Pres. and Gen'l Mgr.

ROBT. E. WILBUR, '04,
Asst. to Gen'l Mgr.
I. E. KRAUSE, Sec'y and Treas.

C. L. MCKENZIE, '93, Pres.

C. C. BURGESS, '95, Chief Engr.

PITTSBURGH CONSTRUCTION CO. GENERAL CONTRACTORS

DIAMOND BANK BUILDING

PITTSBURGH, PA.

STEEL BRIDGE ERECTION, CONCRETE MASONRY, Etc.

C. L. MCKENZIE, '93, Pres.

C. C. BURGESS, '95, Asst. Engr.

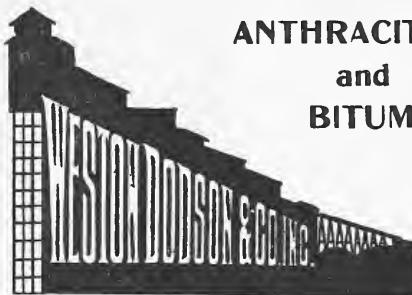
CONCRETE PRODUCTS COMPANY OF PITTSBURGH

DIAMOND BANK BUILDING

PITTSBURGH, PA.

REINFORCED, FACTORY-MADE,
CONCRETE CULVERT PIPE,
EMBANKMENT CRIBBING, ETC.

Alan C. Dodson, '00
T. M. Dodson, '00
G. R. Radford, '84
C. S. Kenney, '10
H. B. Tinges, '12



GENERAL OFFICES, BETHLEHEM, PA.

THE LEHIGH COAL AND NAVIGATION COMPANY

**437 CHESTNUT STREET
PHILADELPHIA, PA.**

Miners of Old Company's Lehigh Coal

Since 1820

SAMUEL D. WARRINER, '90, President

J. S. ROBESON, '86

PENNINGTON, N. J.

**BRIQUET
ENGINEERING
MACHINES
BINDERS**

Lignone

a smokeless odorless
Binder
for coal briquets

NEW YORK SEWAGE DISPOSAL COMPANY

5621 GRAND CENTRAL TERMINAL, NEW YORK

Engineers and Contractors

GEO. L. ROBINSON, '00, Pres.

BEN. E. COLE, '13, Vice-Pres.

SAMUEL T. MITMAN, '19, Engineer

Alumni Bulletin of Lehigh University

PROFESSIONAL CARDS

New York City	15 Park Row	THAULOW GJERTSEN, '92 Special Agent
FORSTALL, ROBISON AND LUQUEER Consulting Engineers Public Utilities Problems Alfred E. Forstall, '83 Robert O. Luqueer		THE EQUITABLE LIFE ASSURANCE SOCIETY OF THE U. S. 201 Frick Building, Pittsburgh
St. Louis, Mo.	211A S. Seventh St.	Washington, D. C. Ouray Bldg.
ROBERT W. BARRELL, '87 President St. Louis Sampling & Testing Works Chemists, Metallurgists and Mining Engineers All kinds of analyses, investigations, examinations and reports in these lines made promptly and carefully		O'NEILL & BUNN Patent Law Charles J. O'Neill, '93
Philadelphia	112 N. Broad Street	Pittsburgh 1st National Bank Bldg. GEORGE S. BATON & CO. Consulting Engineers Reports on Coal Properties Geo. S. Baton, '94
Water Works, Water Power, Reports, Designs, Construction, Supervision, Valuation, Arbitration, Rate Schedules		New York City 363 Lexington Ave. VISSCHER & BURLEY Architects T. C. Visscher, '99 J. L. Burley, '94
CHAS. J. MILLER, '88 Agent, NEW YORK LIFE INS. CO. 16 E. 42nd St., New York City Sub-Standard and Standard risks, AGES 10 TO 70. Double Indemnity and Disability Benefits.		CADWALLADER EVANS, JR., 1901 Consulting Engineer COAL 717 Connell Bldg. Scranton, Pa.
New York City	15 Park Row	Woolworth Bldg. New York City 233 Broadway
CLARENCE W. HUDSON, '89 Consulting Engineer Designs, Supervision, Estimates, Reports on All Classes of Structures		WARD, CROSBY & SMITH Patent Lawyers Dyer Smith, '03
YOUR CARD WOULD LOOK WELL IN THIS SPACE		MORRIS LAWRENCE, 1919 Consulting Chemical and Fuel Engineer Chemical and research tests and investigations. Coal preparation. Patents. Boiler water treatment. Reports on new methods and processes. 301-302 Mears Bldg., Scranton, Pa.
New York City	50 Church St.	
ALEXANDER POTTER, '90 Consulting Engineer Hydraulics, Sanitation, Concrete Structures Tel.: 5501 Cortland		

AMERICAN CAR AND FOUNDRY COMPANY

DESIGNERS AND BUILDERS
OF PASSENGER AND FREIGHT
CARS OF ALL TYPES

BAR IRON
FORGINGS

CASTINGS
WHEELS

NEW YORK

CHICAGO

ST. LOUIS

WILLIAM CARTER DICKERMAN, '96
Vice-President in Charge of Operation

FRANK FAUST, '94
Dist. Mgr. Milton, Pa., District

HASELL WILSON BALDWIN, '96
Asst. Dist. Mgr. Buffalo District

CHARLES LOOMIS ROGERS, '83

BETHLEHEM STEEL COMPANY

PLANTS AT

Bethlehem, Reading, Lebanon, Steelton, Johnstown,
and Coatesville, Penna.

Sparrow's Point and Baltimore, Md.
Lackawanna, N. Y.

General Offices: BETHLEHEM, PA.

SALES OFFICES:

New York, Boston, Philadelphia,
Baltimore, Washington, Atlanta, Pittsburgh, Buffalo,
Cleveland, Detroit, Cincinnati, Chicago,
St. Louis, San Francisco

E. G. Grace, '99	President
Archibald Johnston, '89	Vice-President
H. S. Snyder	Vice-President
C. A. Buck, '87	Vice-President
H. E. Lewis	Vice-President
Quincy Bent	Vice-President
R. E. McMath	Secretary
W. F. Hartmann	Treasurer
F. A. Shick	Comptroller